THE PRECISION NASA TRUST

Accubits is helping NASA with cutting edge AI conversational tools
THE RELIABILITY SINGAPORE GOVERNMENT TRUST

Accubits built the digital tamper proof certification used by the Singapore government educational QA organisation.
ACCUBITS

We’re a full service software provider offering product development and digital transformation services to Governments, Tech startups, Fortune 1000 companies, and Businesses. We help organizations to be future-proof through data-driven solutions for mobile, cloud, and web platforms.

OUR VISION

LEVERAGE TECHNOLOGY TO ENABLE 7 BILLION CREATIVE MINDS

We believe, we are striding into the next phase of human evolution where technology negates the human miseries and we humans can work towards sustaining humanity. We constantly focus on innovations to make this future closer to us.
OUR PRODUCTS

**EMOTYX**
Real-time video analytics suite for businesses and organizations

**InsightsBud**
Making BI and Data science accessible to everyone.

**accucerts**
Blockchain based Tamper-proof Certification Issuance Platform

**DATABUD**
Decentralized Data Exchange platform for organizations

**botzup**
Easy to deploy AI-powered conversational tool

**DEPLOYIT**
Blockchain Network Management and Middleware System
CORE TECHNOLOGY FOCUS

- Artificial Intelligence
- Blockchain
- Robotic Process Automation
- Big Data & Analytics
- Cloud Computing
- DevOps
Accubits Technologies Inc is a US-based corporation with offices in 9 countries, serving clients from over 63 countries now.

Accubits has a robust global delivery network with development teams in India, Poland, Indonesia, and Vietnam.

Accubits Technologies started its first AI & Biological semiconductor research center in 2019 with a vision to provide cutting edge research-based AI solutions to its clients.
We have developers from 5 different countries, 3 different continents, speaking 12 different languages.

We always follow the best in class hiring strategies, attracting the top 5% talent. Only 3.4% of all the applied & sourced candidates get hired. We also have one of the lowest attrition percentages in Kerala (1.2%)

Extremely experienced leadership team from 9 different countries.

Accubits is mostly compared with other industry leaders like IBM, EY, Accenture, and TCS for Blockchain & AI development services. See our recognition page for more info.
WE ARE UNIQUELY DIFFERENTIATED IN THE MARKETPLACE

- Thought leadership
- Global delivery network
- Top rated engineers & scientists from 5 different countries over 3 different continents
- Enduring client relationships
- Deep industry expertise
- Equal focus on development & research for delivering cutting edge solutions
- Customer first culture
- Less than 2% attrition
- Vast experience in delivering ultra-scalable systems for Fortune 100 companies, Governments and startups
GMI Research recognizes Accubits Technologies as a key player that drives AI growth in GCC markets.

MarketWatch recognized Accubits Technologies as a Key player in the Banking industry.
### Key Clientele

**Federal Agencies**
- USGS
- United States Postal Service
- NASA
- ADNEC
- Dubai Police
- Department of Land Depsmente
- Smart Dubai
- Doha
- Dubai Electricity and Water Authority (DEWA)
- Ministry of Health

**BFSI**
- Mandiri
- Vista Bank
- Afriland First Bank
- JPMorgan Chase & Co.
- DIB Bank Kenya

**Fortune 1000**
- Li & Fung
- Nissan
- Shell
- Landmark
- Godrej
- Gammon
- Reliance Industries Limited
- Ralph Lauren
ACCUBITS AI PORTFOLIO
At Accubits, AI is in the front seat, driving innovation across our customer’s business lines. We are not just an R&D company that helps you with prototypes for trade shows but we help businesses enable AI in their existing systems and drive profitable results.

### AI SOLUTIONS

<table>
<thead>
<tr>
<th>CUSTOM AI TOOLS</th>
<th>CONVERSATIONAL AI</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI solutions tailored to solve the problem at hand.</td>
<td>Conversational AI tools based on chat, voice interfaces</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PREDICTIVE ANALYTICS</th>
<th>VIDEO, IMAGE ANALYTICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pattern recognition and predictive analytics to generate actionable insights</td>
<td>Real-time video analytics from CCTV cameras, image analytics, ANPR etc</td>
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<thead>
<tr>
<th>SALES INTELLIGENCE</th>
<th>JOB AUTOMATION, RPA</th>
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<tbody>
<tr>
<td>Lead scoring, deal scoring, Intelligent matching and sales insights</td>
<td>Process automation, hybrid AI for job automation. AI API services.</td>
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</table>

- Microsoft CNTK
- OpenCV
- PyTorch
- TensorFlow
- Caffe2
- spaCy
- ANPR
- OpenVINO
We built an AI powered conversational tool for NASA to help them facilitate a smoother experience for inter-departmental communications. The tool uses Natural Language Processing to understand the queries raised by users and parses the available data to construct valid and accurate responses to the query. The customizability in creating multiple chatbots using a drag and drop interface helped our customers to create chatbots to provide quick information to their employees based on their queries.
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<th>CLIENT</th>
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<tbody>
<tr>
<td>TYPE</td>
<td>Startup</td>
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<tr>
<td>LOCATION</td>
<td>United States</td>
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<tr>
<td>TECHNOLOGIES</td>
<td>Deep Neural Network, Predictive Analytics</td>
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Sales Intelligence Platform produces intelligent insights at every stage of a sales cycle. Combining machine learning and predictive analysis, the solution offers a new way to leverage the sales of an entity. It helped connect all the processes in a sales cycle with machine learning to generate intelligent recommendations, the ranking of leads, follow up insights, etc.
For ADNEC, we built a solution to automate facility management using AI. The solution analyses the behaviour of the crowd within the premises of ADNEC using computer vision technology. It tracks details such as the total number of people present, arrived, left, total employees present in the venue, region of high and low traffic, occupancy details of halls, booths, etc.
For Monger, we created an AI-powered image categorization tool using machine learning and image processing. The AI-based Inventory Classifier tool can compare two different product images and find the degree of similarity between the two.

The system does so by extracting key-points and features from the images, then it is matched together to calculate the degree of similarity. The solution helped Monger to do product categorization tasks 10 times faster as compared to the old process.
Botzup is a simple and flexible collaborative platform for non-coders to build chatbot. It provides flexible interface, build-in features with multi-channel integrations such as Facebook Messenger, Line, Telegram, In-web and In-app. Botzup enables everyone to manage their chatbot easily without programmer involvement.
For Reliance Petroleum, we built an automated helmet detection system. The client wanted to launch several incentive programs to motivate people to start using safety helmets. We built a solution for real-time video analytics customized for helmet detection. The solution identifies and keeps a track of customers who wore a helmet and incentivizes them with discounts and freebies to keep them motivated to use the helmet.
For Etisalat, we built a kiosk-based in-store AI conversational tool that can address a customer’s queries at the point of occurrence. Walk-in customers can interact with the device to seek information about the products they want. The system delivers meaningful, quick information to the customer which in turn enhances the user experience for the customers.
For USGS, we built an AI-powered conversational tool to make its interdepartmental communications easier and streamlined. A user can chat with the virtual agent in natural language to inquire about various details of the organization. Our NLP engine learns the queries and fetches and delivers the right information sought by the user.
SAPPHIRE AUTOMATION | Apple Inc (via Foxconn)

TYPE | Enterprise (Fortune 11)

LOCATION | US

PLATFORMS | Enterprise software development, Data analytics, AI

Sapphire automation allows manufacturing companies to perform data collection, analytics, equipment control, and factory automation.
Cossist is an easy to deploy AI powered conversational tool. The admin can upload documents such as business catalogues, brochures, menu etc. to the Cossist dashboard and when a chatbot user poses a question, the NLP engine learns the query and fetches the answer from the available documents and delivers it to the user.
For Larsen & Toubro, we built an AI powered vehicle categorization software. The solution recognizes the type of vehicles passing under a CCTV camera using computer vision technology and categorizes the vehicle based on brand, segment etc. The system further uses the segmented data to generate actionable insights using predictive analytics.
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<th>CLIENT</th>
<th>Coglide</th>
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<td>TYPE</td>
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<tr>
<td>LOCATION</td>
<td>United States</td>
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<tr>
<td>TECHNOLOGIES</td>
<td>Data Analytics, Big data</td>
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Coglide helps businesses to constantly innovate and grow. For Coglide, we built the AI based data analytics engine for lead scoring, deal scoring etc. The CRM consolidates a large volume of business data, which is processed with the analytics engine to generate intelligent insights that can help a business enhance its sales and marketing strategies.
We have always been in the race to identify innovation before it reaches us from elsewhere. Our engagement with blockchain technology started years ago and today we have successfully helped our customers implement mass scale blockchain powered business ecosystems for their end consumers.

**CUSTOM DAPP DEVELOPMENT**
To build new business models with smarter and more secure DApps

**SMART CONTRACTS**
A trump card to gain the trust of customers and to facilitate secure transactions

**CRYPTO ASSET EXCHANGE**
Various payment methods, advanced reporting options, high-security standards etc

**INDUSTRY SPECIFIC SOLUTIONS**
Build ground breaking blockchain apps using our BaaS platforms
For our client, we built a blockchain-based land registry management platform. The solution incorporates many benefits of blockchain technology, such as the tamper-proof history of transactional records, so that no one can tamper with or forge a record of their own. Since the land transactions are executed through crypto transactions, the possibility of double-spending/double selling is eliminated.
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<th>CLIENT</th>
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<tr>
<td>TYPE</td>
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<td>LOCATION</td>
<td>Canada</td>
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<tr>
<td>PLATFORMS</td>
<td>Android, iOS, web</td>
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International Deal Gateway is an exclusive, invite-only community for successful entrepreneurs, investors and CEOs to transact peer-to-peer, on the world’s first deal platform built on blockchain. Deal Gateway members can connect with other members across the globe to find their next big opportunity. Trust is built into our community through invite-only membership, however for increased security we are proud to also be the world’s first deal platform built on IBM’s Hyperledger Fabric, blockchain technology.
For our client, we built a blockchain-based platform for the issuance and verification of certifications. The Blockchain-based certification solution offers a tamper-proof infrastructure of trust to uphold the reputation of a certification. The certifying authority, be it a college or a course provider, can create and issue a digital certificate secured using encryption, on the public network.
We've developed crypto asset exchanges and trade engines for several clients from around the world. A crypto asset exchange makes it possible for a person to buy, sell or exchange crypto assets for other digital currency or traditional currency.

The platforms we built offers integration of various payment methods, advanced reporting options, high-security standards for maintaining the funds and invulnerability.
Orichalcum is a digital storage initiative that aims to eliminate cyber thefts of digital assets using proprietary techniques incorporating blockchain, biometric solutions, artificial intelligence and high-end data encryption. Orichalcum provides a vault service where users can easily store, transact both digital assets and documents while safeguarding their assets.
We helped several companies from around the world in asset tokenization, crypto token development and smart contract development.

Cryptocurrencies are digital and cannot be counterfeited or reversed arbitrarily by the sender. The transparency and immutability of the crypto tokens help a business to quickly gain trust in the market.
We helped DxBeX to build their crypto-asset exchange. The platform supports multiple cryptocurrencies as well as fiat currencies including Dirham. The platform was architected to provide the best user experience as well as built with industry-standard security measures. The platform is architected with robust API services and Service quality control systems which facilitates rapid trading.
For Giracoin, we developed the cryptocurrency token named as Giracoin. It allows every transaction to be securely and transparently tracked. It’s multi-wallet provides desktop, mobile, and web-based wallets. The desktop wallets can also be used as a mining device and its build for major operating systems like Windows, macOS, and Linux. So without any technical knowledge, anyone can be a part of mining.
For ATROMG8, we developed a custom crypto wallet, a crypto token in Elements blockchain platform and a decentralized messenger platform. The ATROMG8 ecosystem is formed by an interaction between the individual services offered by platform partners and associates as well as the users. Together, to form a strong community, creating value for all the participants.

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<td>Switzerland</td>
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<tr>
<td>TECHNOLOGIES</td>
<td>Elements Blockchain, iOS, Android</td>
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ACCUBITS MOBILE/WEB APP PORTFOLIO
Our Custom Product Development services help your business drive results faster with high performing products. Our engineers and experienced developers help to create rich products and applications that help businesses drive innovation and growth sustainably and edge out their competitors for market dominance.

**WEB DEVELOPMENT**
CRMs, CMS, ERP tools, Web apps etc. End to end coverage from UI/UX, Development to Deployment

**MOBILE APP DEVELOPMENT**
Android, iOS, wearable devices and apps, Cross platform applications

**PRODUCT DEVELOPMENT**
Custom product development to meet the business requirements

**PRODUCT PROTOTYPING**
Rapid prototyping and POCs development
MAPCLUB

CLIENT | GITI group
TYPE | Enterprise (Fortune 38 - 2018)
LOCATION | Indonesia
PLATFORMS | iOS, Android, Web

Largest lifestyle loyalty program in Indonesia with more than 8 million customers from Indonesia, Singapore, Vietnam. Accubits built an extremely scalable and user friendly web/mobile application for MAP which seamlessly works across all the platforms.
Humvee is an enterprise android application which helps the telecom giant to keep track of their sales agents and their actions all across the country. It is artificially intelligent enough to automatically optimise the routes and activities of every sales agents to be extremely effective.
SAPPHIRE AUTOMATION | Apple

CLIENT | Apple Inc (via Foxconn)
TYPE | Enterprise (Fortune 11)
LOCATION | US
PLATFORMS | Enterprise software development, Data analytics, AI

Sapphire automation allows manufacturing companies to perform data collection, analytics, equipment control, and factory automation.
USPS Core Systems

Client: USPS
Type: Federal government
Location: US
Platforms: Enterprise development, Data analytics, AI

Accubits built and currently manage 6 different core systems of USPS. Accubits is also responsible for building the Data acquisition and analytics platform internally used by USPS called prospector.
The Daily Caller is a right-wing news and opinion website based in Washington, D.C. It was founded by now Fox News host Tucker Carlson and political pundit Neil Patel in 2010. Launched as a "conservative answer to The Huffington Post", The Daily Caller quadrupled its audience and became profitable by 2012. The app has more than 300K active user at the moment.
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<thead>
<tr>
<th>CLIENT</th>
<th>MEA Innovations</th>
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<tbody>
<tr>
<td>TYPE</td>
<td>Startup</td>
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<tr>
<td>LOCATION</td>
<td>UAE</td>
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<tr>
<td>PLATFORMS</td>
<td>iOS, Android, VR</td>
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Vuz360 is a live VR application with all the social networking features, 360 camera live streaming, VR, chat and other sharing functionalities. The application currently have more than a million active customers using it to share their live VR content.
Wakanda is a video and text messaging application like WeChat focused on the African continent. It also provides other functionalities like booking cab, ecommerce, sharing contents, and micro payments.
NEED SUPPORT?

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THE FUTURE DOESN'T BELONG TO THE FAINTHEARTED; IT BELONGS TO THE BRAVE.