

# Company Profile

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# One Step Ahead



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At Vin Bytes, we provide cutting edge engineering solutions, helping clients untangle complex issues that always emerge during their digital evolution journey.

Our key market advantage is the ability to leverage a wealth of experience in this sector, a network of local and international partners, and a very competitive pricing strategy to deliver quality software solutions. Satisfied clients around the globe bear testimony to the quality of our work. We are committed to exporting quality software worldwide by consistently investing in technology & resources for our consumers around the globe.

**Pravin Mani**

CEO & Founder



# An Overview

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We design and develop the future that you wish to see. Armed with varied skillsets including the all-powerful and advanced Machine Learning, technical expertise, and dynamic strength, we as an organization move boulders to make your journey remarkable.

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Vin Bytes is a technology-smart company which collectively explores the intricacies and depths of the ever-emerging technology markets. At our very core, we provide IT solutions and offer strategy consulting. We collaborate with some of technology's best tools to deliver smarter solutions for an equipped future.

Our digital journey lies with our customers' satisfaction and our collective growth. Our tools and frameworks propel innovation and set the bar really high. We have had an outstanding track record for redefining technological thought processes with our productive team and their ingenious workflows. Our workforce consists of strategic IT consulting to disrupt and re-emerge, discovering the tomorrow with Artificial Intelligence, Machine Learning, and IoT, transforming and reinvigorating Enterprise Solutions that are made-to-order, and Web and Mobile Applications for a world on-the-go.

Digital capabilities are transforming the way everybody does business, and we are here to facilitate just that. Our suite consists of expertise in different domains and segments, providing vital and effective consultation and implementation of these technologies to shape the way you think of the future.



# Why Vin Bytes?

Vin Bytes brings to the table unparalleled domain expertise in specific industries/processes, coupled with best-in-class technology skills and proven assets that can accelerate the value creation for clients.



# Services

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CRAFTING  
EXPERIENCES  
THROUGH  
SOLUTIONS.

We are in the now. The world of IT and its related domains are rapidly shifting shape, and in our hands, we hold the powerful responsibility of creating an intelligent future. On our path to the global future, our services are contemporary, fascinating, and indispensable. As we discover the might of data, and reinvent the digital wheel, we help scale your business and secure the world of the future.



## Technology Consulting

Our Technology Strategy and Advisory practice designs and executes industry-relevant reinventions that allow organizations to realize exceptional business value from technology.



## Web Application & Development

A digital presence is everything, and we help you create the best web applications with the synergy that you need, and fitted with the right framework and architecture by involving best practices.



## Mobile App Development

As the world is shifting into information that can be consumed from palm-sized devices, there is an increased need for timely, accurate and dynamic dispensing of data. We create mobile applications that are focused, on-the-money, and scalable, all of which offer great value to the businesses of the future.



## Technology Upgradation

Modernizing legacy applications and boosting their performance with our software upgradation services. Upgradation equips the existing applications/modals with latest security patch, enhanced user interface, new features, structure and ensures ongoing compatibility.



## Enterprise Solutions

Yottabytes of data are redundant if we don't make effective calculations from them and put them into practice. Our bespoke CMSs and Analytical tools and dashboards provide the necessary churn to comprehend and set the data into motion so as to derive meaningful results.



## IOT

The web and beyond of the Internet is revolutionizing homes, workspaces, and the shared community in which we live. We love harnessing the power of this connectivity to link devices and unlock productivity, that integrates a whole new world.



## Big Data

Data is ubiquitous and powerful, and has the capacity to unearth hidden potentials. However, finding the right translatable data that works just for you is a global challenge. That is why we scour datasets, identify, structure, and bring you the best fit that will transform your business.



## Artificial Intelligence

AI is the buzzword that's revolutionising the world, with computers being programmed to carry on human-like functions. With our bots learning to learn, reason, adapt, and deduce, we are constantly experimenting with their intelligence and applications in the global everyday life.



## Machine Learning

In a dynamic world, continuous learning is imperative. Synthesised learning of patterns and experience by machines that have access to data themselves is the core idea behind machine learning, and we help you create smarter machines that can understand data better.

# Technologies

Technologies make us see things differently. It puts things into perspective, and we derive their value to empower sustainable businesses.

We have done fascinating work by experimenting with different frameworks, tools, and languages. We learn, unlearn and relearn everyday as we work with these cutting-edge tools. Some of the technologies we work with are:

## Programming Languages(Front End)



## Programming Languages(Back End)



## Database



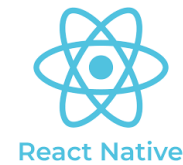
## Cloud Infrastructure





## Mobile Applications (Native & Hybrid)

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## Technologies and Framework

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## Servers

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## Testing Frameworks

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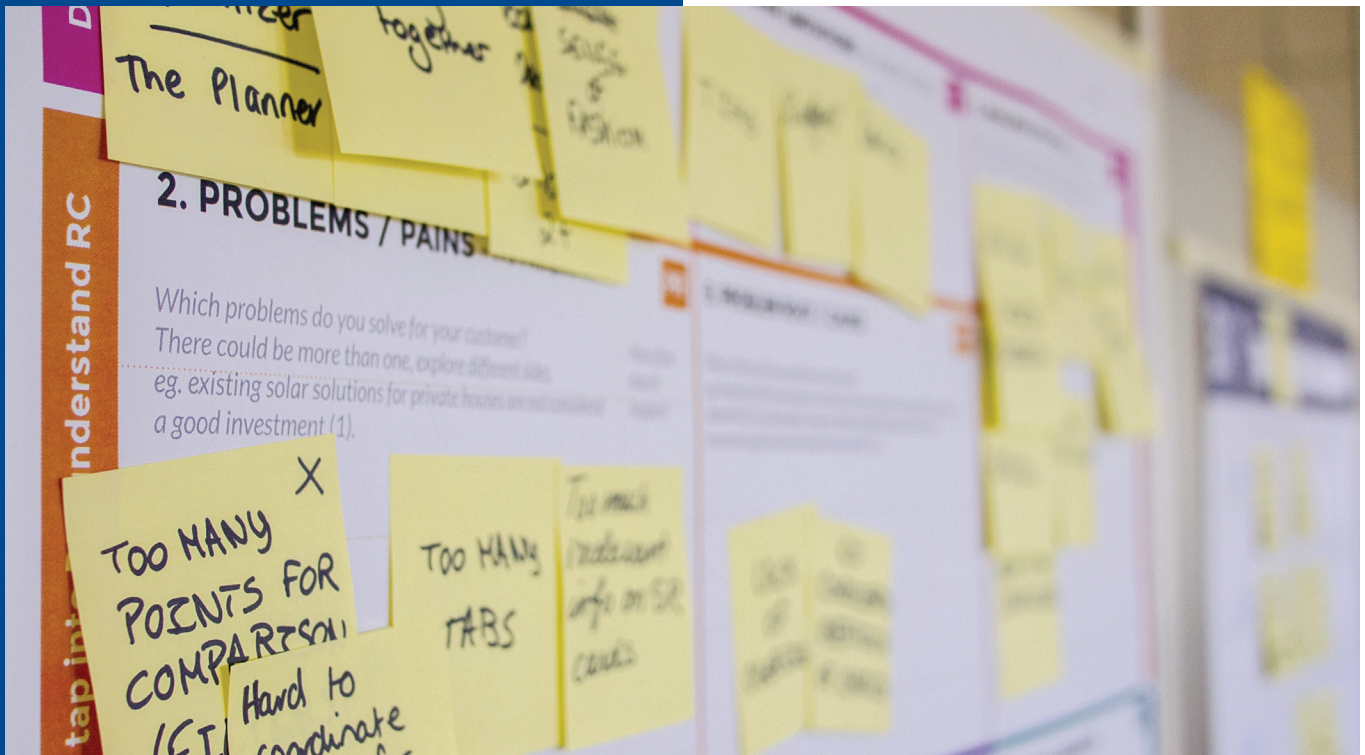
## Project/Code Management Tools and Issue Tracker

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# Approach



PROCESS IS THE  
BEDROCK OF  
RESPONSIBILITY.

We believe in collaboration, transparency, and most of all, in being heard. We trust each other's expertise in the team and offer the best product and solution to our clients whose satisfaction and journey with us is paramount. We love processes, and we love to follow them. We constantly refine and fine-tune our approach as we go to move ahead and deliver nothing short of the best. Our commitment carries a lot of weight, and we constantly reinvent to serve our clients better.

### **Project Management Effectiveness**

A well laid plan captures accurate requirements within a structured framework. While we chart milestones, our focus has always been on the step we take now. We have enabled tracking and automation with adoption of tools such as Jenkins CI/CD pipeline, Jira, Gitlab, Docker.

### **Communication Effectiveness**

Communication is built into the core of our operations. Clear, effective and timely communication through clearly defined channels has cemented the building blocks of success for us time and again. Whether it is within our team or across to our clients, we value and practice clarity and authenticity.



## **OUR BUSINESS APPROACH**

### **In-house Recruitment Team**

Our organizational values of trust and authenticity is imbued in our recruitment process. An in-house recruitment team enables hiring within short time frame through talent pooling. Reserve strength covers the needs of the projects and meets uncertainties.

### **Low to Minimum Maintenance Cost**

We meet the needs of our clients with a wide range of technology options. Minimum intervention and high reliability have been the foundation of maintenance for us. Our builds are light weight and up to date with present technology.

# Workflow



## BRAINSTORM

At the commencement of every project, we thoroughly understand the requirements and the end goal, with an approach that factors in innovation and sustainability.



## WIREFRAMES

We then decide which would be the most ideal technology that we could use to develop the said project, and construct a wireframe to build and strategize the capabilities of the project.



## DESIGN & ARCHITECTURE

A solid design and architectural framework is of utmost importance for visually translating the ideas and the goal into tangible results. With a flexible and adaptive approach, we carefully synthesise design elements to reflect into the big picture.



## DEVELOPMENT & TESTING

Upon Design, we code and develop the project as agreed upon at the wireframe stage, and continually monitor our progress. We perform multi-level efficient testing and present the finished product to the client only when we are happy with our work.



## DELIVERY

We pride ourselves on sticking to our timelines, and it is something we take very seriously. We ensure that the work we do speaks for us, and fire on all cylinders until the client is truly satisfied with the delivery.

# Case Study I

## Trendalyze- Fast Dynamic Time Warping



## OVERVIEW

Trendalyze is a UK-based expert analytics, forecasting, and monitoring platform that helps people to discover trends and manage their businesses based on factual patterns in granular time series data. They believe in the brain's need to make patterns, and they pore over the value of time series data to make that happen, and to incentivise the opportunities that create profitable value and save costs.



## CHALLENGE

In time series, the most acceptable algorithm of measuring distance is Dynamic Time Warping, an algorithm that we were unfamiliar with. Combined with our lack of domain knowledge, we also needed to factor in the time variable, and we had to implement the Fast Dynamic Time Warping algorithm, that quickly computes the time taken to cover a distance. Unfortunately, there were no resources or solutions available to achieve such a result.

## SOLUTION

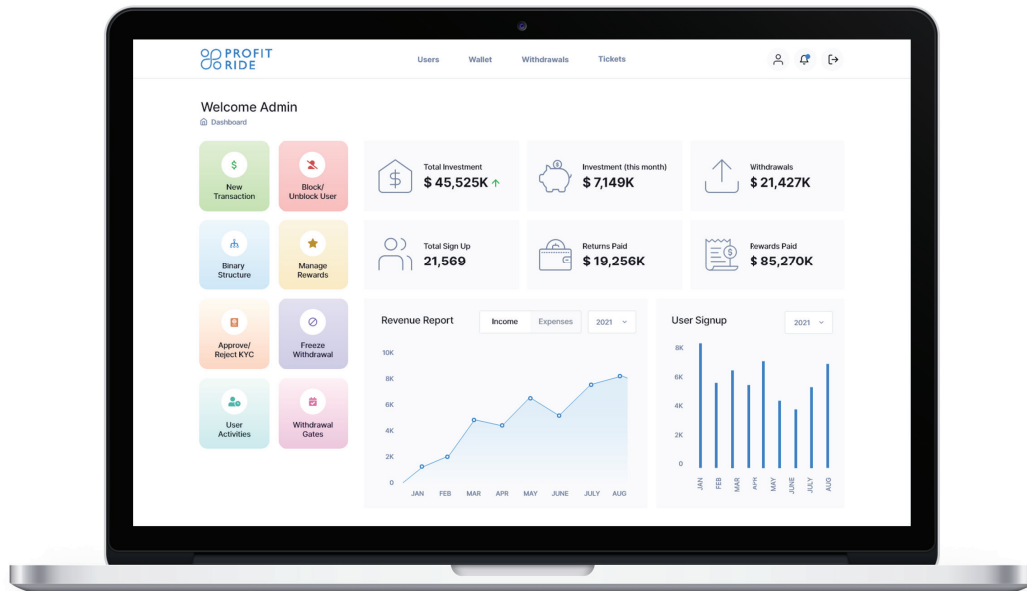
Being our first intensively technical project, we were completely out of our depths. As a novel initiative, we took the approach of identifying experts in the domain. We went to IIT Madras to speak to students who were working and adept with Time Series. These students who themselves are the crème de la crème of students across the country, initially found it a grappling problem. After weeks of research in collaboration with them, we finally cracked the process.

The complex algorithm was broken down into consumable sub-modules, and each of those modules were created using Machine Learning libraries. These sub-modules were then compiled and integrated, and hosted as a REST service in a Big Data Environment (Hadoop). We ran several tests and the delivered project was on point with what the client was looking for.

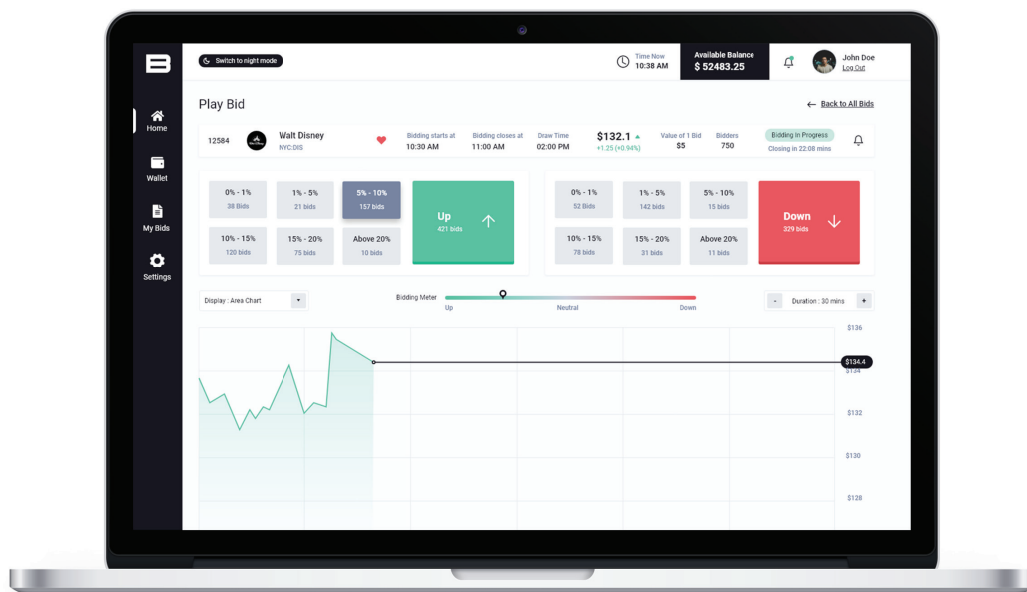
## RESULT

The result of the project was a resounding success. The client was extremely happy with the work, and considering they were industry experts, their appreciation meant a lot to us. Not many had ventured into this space, as it was riddled with technical challenges and was extremely complex. This, they said was cutting-edge ground-breaking innovation, with several applications in various sectors including healthcare, logistics, defence, and operations.

# Projects

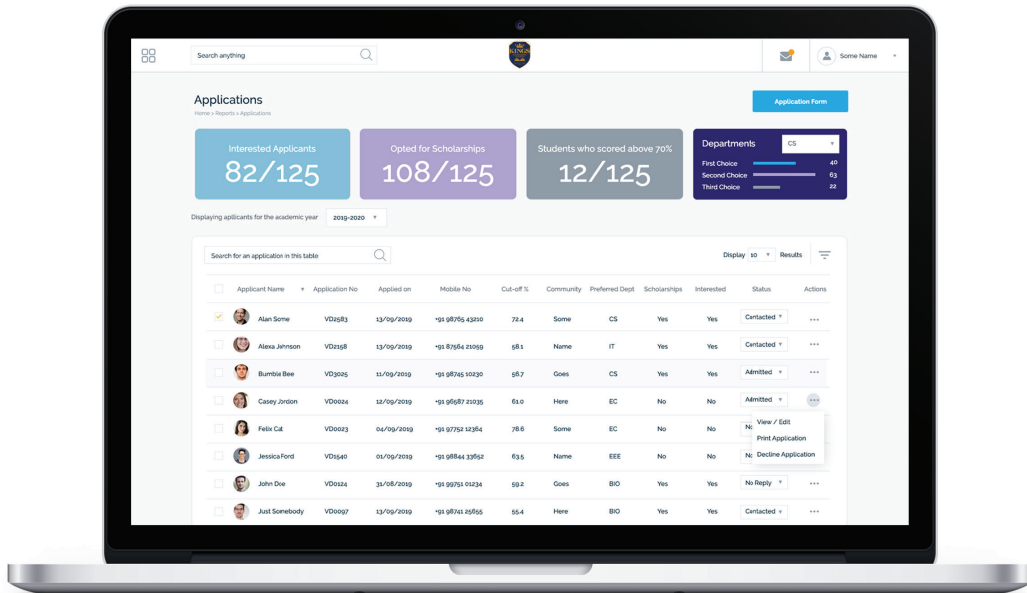


## Digital Trading Platform



## Binary Options

# Projects



College Management System



Retail Management System & POS

# Pricing Plans

We follow the standard industry-led pricing models:



## Fixed Price Model

Based on the scope of services discussed and finalised, a fixed price would be agreed upon by both of us, along with the timelines for the same.



## Time & Material Model

Considering the longevity of your project, we may agree to a pricing model whereby, with every milestone achieved in the said project, you would pay us in increments.



## Hybrid Model

A combination of Fixed Price and the Time & Material model, based on the nature and intensity of the project. The delivery timelines may be in part a hard date, and thereby incremental in nature.



## Staff Augmentation Model

Depending on the nature of the project, an employee of ours may be allocated solely to your project for maintenance and support, thus covering the costs and benefits due the employee. Delivery timelines may vary, and must be agreed upon by both of us.



# Clientele

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We take deep pride in working with globally situated multinational companies of great repute and standing, who have placed enormous trust and responsibility in our work and capabilities. We uphold our core values of integrity, responsibility, credibility, and transparency and extend our highest level of commitment to all the projects we undertake. We are all about our clients and our part in their extraordinary journey.



## And across the industries



Fintech



Healthcare



Oil and Gas



Education



Classifieds



NGOs



Hospitality



Electoral

WE ARE WHO WE  
WORK WITH.



TRENDALYZE



SURAJBAI SARDARMULL  
NAVYAS TRUST



ST. LUKE  
— MED DEVICES PVT. LTD. —



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