



# Varun Kumar

## Engineering Manager

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⇒ [LinkedIn](#)

### Date / Place of birth

04/01/1990, Tirunelveli

### Nationality

Indian

### Skills

Software Development

Full Stack

Management Skills

Systems Design

System Architecture

System Architecture

Microservices

Cloud Architecture

Cloud Computing

Continuous Integration /  
Deployment

FinTech

Banking Finance

Payment Gateway

Data Engineering

Data Science

## Profile

Experienced Senior Engineering Manager with 13+ years of expertise in building high-performing distributed systems and leading top-tier teams.

Adept at utilizing cutting-edge development tools and procedures to deliver innovative solutions.

Possesses strong communication skills and excels in both independent and collaborative environments.

Committed to contributing to organizational growth while continuously enhancing technical and analytical abilities.

## Employment History

### Engineering Manager, Yubi (Credavenue Private Limited), Chennai

October 2021 — Present

#### Professional Experience

- **Architectural Leadership:** Developed a scalable and reliable software architecture for the organization's Fixed Income suite of products, supporting both B2B2C, B2C and external integration applications across desktop, mobile web, and mobile apps (Android & iOS).
- **Team Management:** Managed a team of 25 engineers, including developers, QA, and automation specialists, to build and maintain high-performance software systems.  
Established a culture of transparency and trust, enhancing team morale and productivity.
- **Strategic Collaborations:** Worked closely with SEBI and exchanges (NSE & BSE) to digitize the entire Fixed Income debt market experience, including investments in bonds, fixed deposits, and SGBs. Under my leadership, Yubi became the first fintech in India to digitize the end-to-end bonds trade workflow (RFQ integration) with BSE.
- **Technology Integration:** Collaborated with major third-party service providers such as Razorpay (Payment Gateway), BSE & NSE (Exchanges), and Forest Admin (Back-office).  
Researched, validated, and implemented a back-office tool (Forest Admin) that reduced go-to-market and development time by 90%, freeing up engineers to focus on core services.

Machine Learning
Automation
DevOps
SecOps
Information Security
Agile
Web socket
Python
Java
Ruby on Rails
SQL
No SQL
Redis
UNIX shell scripting
Container Services
Kubernetes
Kafka
Git
Fixed Income Products
Microsoft's Co-pilot
OpenAI's ChatGPT
Payment Gateway (Razorpay)
Inventory / Order Management System
Notification Systems
Customer Relations

- Innovation and Process Improvement:** Worked closely with the Architecture Review Board (ARB) to adopt cutting-edge technologies while maintaining delivery velocity.
 Adopted cloud-neutral technologies such as Kubernetes and Kafka to scale products across cloud service providers and clients.
 Developed a new engineering process leveraging Gen-AI tools (Microsoft's Co-pilot, OpenAI's ChatGPT), reducing product development time by 50%.
- Product Development and Customer Satisfaction:** Led a team to develop a new fixed income product that achieved a 95+% customer satisfaction rating.
 Structured the engineering team to better meet customer needs, resulting in a 50% increase in delivery velocity.
 Actively involved in cost and resource optimization, contributing to the organization's key achievements.
- Mentorship and Budget Management:** Mentored and coached engineers to help them reach their full potential and improve their performance.
 Developed and managed budgets to ensure resources were allocated efficiently and appropriately.

Notable Projects

- Aspero [B2C]:** Developed a market-leading fixed instrument secondary bond product, significantly boosting market presence and revenue.
- Yubi Invest [B2B2C]:** Built a product for wealth distributing partners, thereby digitizing the entire offline workflow and significantly increasing GTV QoQ by 20-30%.
- Payment Gateway Integration:** Streamlined operations and reduced workload by integrating with a third-party payment service provider Razorpay.
- End-to-End Bond Trade Workflow:** Led the digitization of the bonds trade workflow with BSE, a first for fintech in India.

Achievements

- Market Leadership:** Led Yubi to become the first fintech to digitize the bonds trade workflow with BSE.
- Efficiency Improvements:** Reduced go-to-market and development time by 90% with Forest Admin implementation.
- Product Development:** Achieved a 95+% customer satisfaction rating for a new fixed income product.
- Innovation in Engineering:** Reduced product development time by 50% using Gen-AI tools.
- Team Productivity:** Increased delivery velocity by 50% through team restructuring and process improvements.

Lead Engineer, Yubi (Credavenue Private Limited), Chennai

June 2020 — September 2021

Professional Experience

- Product Development:** Built the product Plutus (Fixed Instrument Secondary Bond Product) from scratch, which became a market leader within 3 months, facilitating 2000 Cr (40%) of all listed MLD issuance in India. The product contributed to 75% of the company's total revenue for Q1 & Q2 2021.



Communication Skills
Cost Optimisation
Resource Optimisation
Security Audits

Languages
English
Tamil
Telugu

Hobbies
Reading, Badminton, Movies, Video Games, Binge Watching

- **Technical Expertise:** Handled complete end-to-end integration of a payment gateway with a third-party service provider, reducing operational workload by 75%. Designed, developed, and delivered an MVP with a lean team of 4 developers, overseeing system design, architecture, full stack implementation, deployment cycle, and QA automation.
- **Product and Business Metrics:** Worked on the design, development, and delivery of both product and business metrics for continuous monitoring and improvement. Analyzed user behavior patterns and feedback to enhance product features.
- **Leadership and Performance Review:** Conducted performance reviews focusing on career progression and self-development in roles and responsibilities. In line for promotion due to the significant success of the product in the market and within the organization.
- **Future Responsibilities:** Set to handle additional responsibilities and develop new products such as Fixed Deposits and Primary Bond Issuance, expanding the debt product suite.

Notable Projects

- **Plutus:** Developed a market-leading fixed instrument secondary bond product that significantly boosted the company's market presence and revenue.
- **Back-office integration:** Streamlined operations and reduced workload by integrating with a third-party back-office provider Forest admin.

Achievements

- **Market Leadership:** Plutus became the market leader within 3 months of launch.
- **Revenue Generation:** Contributed to 75% of CredAvenue's revenue for Q1 & Q2 2021.
- **Operational Efficiency:** Reduced operational workload by 75% through efficient back-office integration.
- **Career Growth:** Promoted quickly post the success of Plutus, with additional responsibilities for new product development.

Senior Software Engineer, Crayon Data India Private Limited, Chennai  
September 2013 — June 2020

Professional Experience

- **Core Product Development:** Developed and enhanced Crayon's Recommendation Engine, delivering billions of recommendations across sectors such as Banking, Airlines, and Retail. Designed and implemented the first feedback loop integrating software engineering, data science, and data engineering to improve recommendation accuracy.
- **Product Innovation:** Developed Crayon Cloud, an automated cloud infrastructure and software deployment tool, reducing go-to-market time from 7 days to a few hours. Instrumental in creating the AI Studio, which decreased model-building timelines for data scientists by 60%.

- **Leadership and Team Management:** Led the Platforms team to build generic services including Authentication, Audit, Logging, Monitoring, Security, Cloud Deployments, CI/CD, and Notifications, supporting the entire product suite. Spearheaded the development of data engineering products, including a customizable workflow in Airflow (DAG workflow) that decoupled engineering efforts from Biz and Data Science team requirements.
- **Client Engagement and Onsite Deployment:** Worked onsite in the Middle East with a leading airline, gaining valuable multicultural collaboration experience. Deployed in South East Asia to design, customize, and deploy solutions for top banking firms such as DBS, Standard Chartered, and HSBC, driving significant business growth. Collaborated with key Middle Eastern banking and fintech players like Mashreq and ADIB. Partnered with Indonesian retail giant Blibli to enhance their e-commerce platform with high-quality product recommendations.
- **Recognition and Achievements:** Received accolades for being the only team member proficient in 80% of the software development life cycle, including Data Science, Data Engineering, Machine Learning, QA Automation, DevOps, SecOps, Audit training, Agile training, and Cloud Computing.

#### Notable Projects

- **Recommendation Engine:** Key contributor to the development of Crayon's core recommendation product.
- **Crayon Cloud:** Created an automated deployment tool, significantly reducing product deployment time.
- **AI Studio:** Developed a platform that expedited the model-building process for data scientists.

#### Software Developer, GAIN Credit (formerly Global Analytics), Chennai

May 2011 — August 2013

#### Professional Experience

- **Product Development:** Developed and integrated the company's in-house loan product with various merchant platforms. Contributed to the creation of common services used company-wide, including SMS, agreement generation, document management, and prepaid debit card management.
- **Team Contributions:** Part of a lean team of 5, responsible for developing and releasing approximately 10 different products in a short time frame. Provided extensive post-release support to ensure product stability and performance.
- **Technical Expertise:** Involved in both front-end and back-end development for applications and websites using Python, Django, MySQL, and UNIX shell scripting. Designed and developed core lending services such as Debit Card Issuance, Credit Analysis, Loan Management System, Notification System, Document Management System, and Content Management System.
- **Achievements:** Recognized as the "Best Find of the Year" for outstanding contributions and performance. Youngest member of the core team, instrumental in delivering critical financial services and systems.

#### Notable Projects



- **Prepaid Debit Card:** Integrated with renowned GPS for issuing virtual debit card for lending / payment product.
- **In-House Loan Product:** Developed a comprehensive loan product with seamless merchant integration.
- **Core Lending Services:** Designed and implemented key financial services critical to the company's operations.

## Education

### **B.Tech Information Technology, Coimbatore Institute of Technology, Coimbatore**

May 2007 — April 2011

- Scored **7.6** CGPA
- Served as association secretary for student development program

### **12th, Rose Mary Matriculation Hr. Sec. School, Tirunelveli**

2006 — 2007

- Scored 1141 / 1200 (**95.08%**) in 12th public exam and placed 2nd in school
- Scored 100% in Mathematics
- Maintained overall average above 193.5 / 200

### **10th, Little Flower Matriculation Hr. Sec. School, Chennai**

1994 — 2005

- Scored **87.8%** in 10th public exam

## Extra-curricular activities

### **Secretary, Rotaract Club of CIT, Coimbatore**

March 2009 — March 2010

- Served as a Secretary in Rotaract Club of CIT for over an year.
- Introduced many reforms and initiatives in partnership with parent and fellow Rotarians and Rotaractos of Coimbatore and other districts.
- Was fortunate enough to serve Orphanages and Child & Elderly care over 100 times during my tenure.
- Initiated many self development events such as Sports Meet, Paper Presentation, Communication & Soft skills, Management skills etc.,

## References

References available upon request