

# VINEET KUMAR

[LinkedIn](#) | [+1 4085814026](tel:+14085814026) | [vineetkia@gmail.com](mailto:vineetkia@gmail.com) | [GitHub](#)

## Education

**Master of Science** San Jose State University San Jose, California, USA **08/2025 - Present**

- Computer Software Engineering

**Bachelor of Technology** Vellore Institute of Technology Vellore, Tamil Nadu, India **07/2018 - 06/2022**

- Computer Science and Engineering - Specialization in Information Security - GPA 3.87

## Skills

- **Programming Language & Database:** C++ | C# | Java | Python | JavaScript | TypeScript | Bash | PowerShell | SQL | MongoDB
- **Framework:** Camel | Spring | Apache Kafka | Nginx | NextJS | Node | React | Tailwind | JMS | RabbitMQ | ActiveMQ
- **Software Development:** Object Oriented Programming | SOLID Principles | Agile Methodologies | Test Driven Development
- **Architecture & Infrastructure:** Microservices | Distributed Systems | Design Patterns | Docker | Linux | AWS | Azure | TOGAF

## Experience

**Software Development Engineer** ION Trading Pune, Maharashtra, India **01/2022 - 08/2025**

- Developed a **C#** desktop interface to streamline the import and export of market index, correlation, and volatility data in **XML**, enhancing system interoperability and reducing setup time from **1 week to 10 minutes** from UAT to the Production environment.
- Engineered a trade processing framework using **Camel** and **Java**, integrating **Kafka** and **ActiveMQ** for ExxonMobil to enable **real-time** trade data exchange with business entities, **reduce latency**, and align with industry standards used by major financial institutions.
- Enhanced commodity trading module using **Java Native Interface** and **C++** to automate bulk trade scheduling for cargo and gas clients, cutting **UAT** time for business cases from **4 weeks to 30 minutes**.
- Automated **.NET Framework** upgrades using **PowerShell** scripts across more than **120 modules** built on **Visual Studio**, slashing upgrade time from **2 months to 1 week** and thus accelerating future software maintenance.
- Achieved a consistent **95% CI pass rate** by implementing thorough internal team **code reviews**, leveraging **SonarQube**, and conducting **SOLID Principles** sessions for the engineering team and new hires to enhance code maintainability and modular design.
- Created **technical documentation** that reduced onboarding and training time for new hires by **60%**, detailing tools, processes, and technologies used in product development, including **Java, C#, SQL, Visual Studio, Bamboo, IntelliJ, Eclipse, and Git**.

**Microsoft Learn Student Ambassador** Microsoft Vellore, Tamil Nadu, India **01/2020 - 08/2021**

- Facilitated hands-on workshops for **150** students, resulting in **100%** completion of a **full-stack** web application deployment project by utilizing **Node.js** for server development, **Docker** for containerization, and **Nginx** for **Reverse Proxy** configuration.
- Conducted educational sessions on the **Azure** platform for over **200 participants**, enhancing participant skills in **cloud computing** and **web application** development with hands-on training in setting up Azure spot **Virtual Machines** and **Apache HTTP** servers.

## Projects

- **SaaS Accelerator Platform:** Founded a SaaS platform enabling entrepreneurs to sell digital products on a recurring monthly, quarterly, and yearly basis subscription built using **React, Next.js, Prisma, PostgreSQL, Tailwind, Razorpay, and Stripe** SDK.
- **Binance Crypto Trade Bot:** Designed and implemented a **multi-threaded** cryptocurrency **trading bot** using **Binance API**, enabling seamless management of long and short positions, profit and loss adjustments across **12 client** accounts in the futures market.

## Mentorship

- **ION Group:** Mentored new hires at ION Group on **OOPS, SOLID Principles, efficient debugging, and coding practices**.
- **Code To Express (C2E):** Authored a **DSA** repository on **GitHub**, benefiting over **250** students at Vellore Institute of Technology.

## Accomplishments

- Awarded the title of **Beta - Microsoft Learn Student Ambassador** by Microsoft.
- Awarded **2<sup>nd</sup> Place** in Code Run Seek by **IEEE IAS** and **IEEE WIE** at the International Techno Carnival, Vellore Institute of Technology.

## Certifications

- [Google Cloud Fundamentals: Core Infrastructure](#)
- [Fundamentals of Parallelism on Intel Architecture](#)
- [Cybersecurity and the Internet of Things](#)
- [Microsoft Learn Student Ambassador](#)

## Webinars

- Introduction To Azure Fundamentals and Virtual Machine - [YouTube](#)