

# APARAJITH L

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## EDUCATION

### Vellore Institute of Technology, Chennai

Bachelor of Technology in Electronics and Computer Engineering (GPA: 8.24/10.0)

Chennai, India

07/2021 - 05/2025

- **Activities:** Player for University Basketball Team
- **Select CS coursework:** Algorithms and Data Structures, Signals and Systems, Computer Vision, Embedded Systems, Data Analytics, Cyber Physical Systems, AIML
- **Select Math coursework:** Calculus, Linear Algebra, Probability and Statistics

### Narayana E-Techno School, Chennai

Class 11th and 12th (CBSE)

Chennai, India

07/2019 - 05/2021

- **12th Percentage:** 95.8

## WORK EXPERIENCE

### 2Cents Capital | Software Engineer

05/2025 – Present

- Led the frontend development of **Valura.ai**, a high-performance wealth management platform using **Next.js** and **TanStack Query**, improving page load times by **40%** and reducing data-fetching overhead by **35%**.
- Architected a modular, broker-agnostic **ledger system** and developed secure **Node.js/Express** APIs with **OAuth 2.0**, enabling seamless integration with **20+** financial institutions.
- Scaled the platform from **0 to 5,000+ active users**, supporting over **\$30M in Assets Under Management (AUM)** while maintaining a reliable, high-performance user experience.

### Tisac | SDE Internship

01/2024 – 03/2024

- Created the MVP of a SaaS LLM-training platform on self-hosted VMs, enabling concurrent fine-tuning of **50+** models and reducing provisioning time by **60%**.
- Engineered a custom IDE interface in **NextJS**, integrating live model logs and inline code execution, improving developer productivity by **30%**.
- Built serverless APIs using **Azure Functions** and implemented fine-grained access control, securing data pipelines and ensuring **ISO 27001** compliance.

### Eyemote Vision Inc | SDE Internship

10/2023 – 01/2024

- Developed a HIPAA-compliant EHR SaaS platform in **Next.js** and **Firebase**, managing **2,000+** patient records with end-to-end encryption.
- Implemented real-time remote eye-treatment viewer using **WebSockets** and **ngrok**, delivering video streams with less than **200ms** latency to clinicians.
- Integrated **PostgreSQL** on Google Cloud Platform for relational data storage, optimizing complex queries to handle **5,000+** transactions/day.

### Succeed Technologies | SDE Internship

08/2023 – 10/2023

- Developed and maintained **10+** web applications on PHP/WordPress/Moodle, optimizing page load times by **25%** through code and asset minification.
- Managed **5** Ubuntu Linux servers (LAMP stack), automating backups and security patches with Bash scripts to achieve **99.5%** server uptime.

## PROJECTS

### – HoopSpace – SportsTech Platform

Designed and developed a scalable full-stack platform for India's basketball ecosystem using **Next.js**, **Node.js**, **Express**, and **MongoDB**. Built modules for player and team management, event organization, analytics dashboards, and mobile-ready real-time score tracking.

### – AI-Assisted Personal Finance Tool

Developed an AI-Assisted Personal Finance Tool using **Streamlit** for the frontend. The system predicts trust scores and financial outcomes using **Random Forest** and **Gradient Boosting**, segments users via **K-Means**, and delivers personalized investment recommendations based on user behavior and risk profiles.

### – Portfolio Management Service

Developed a portfolio management backend using **Spring Boot**, **Spring Data JPA**, and **PostgreSQL**. Implemented secure REST APIs for portfolio tracking, trade execution, holdings management, and real-time profit/loss calculations with JWT-based authentication.

## TECHNICAL SKILLS

|            |                                                             |
|------------|-------------------------------------------------------------|
| Languages  | Go, Python, JavaScript, TypeScript, C                       |
| Frameworks | Next.js, React, Spring Boot, Node.js, Express, Tailwind CSS |
| Databases  | PostgreSQL, MongoDB, MySQL, Firebase                        |
| Tools      | Git, Docker, Linux, REST APIs, OAuth 2.0, TanStack Query    |