

EDUCATION

Vellore Institute of Technology, Vellore Vellore, Tamil Nadu
Bachelor of Computer Science and Engineering (with Spec. in Data Science); CGPA 8.0/10 September 2020 - August 2024

EXPERIENCE

North of Zero Remote (New Delhi)
Software Engineer · Autogenie Jun 2023 - Aug 2023

- **Payment Gateway:** In charge of writing integration for the Amazon Payment Gateway (Formerly known as Payfort) service in both React website and React Native application. Used a combination of their SDK and web fundamentals to achieve the desired result.
- **Backend improvement and integration:** Create Transactions entity to reliably keep track of all transactions. Update state of each transactions using a combination of webhooks and health checks to provide the user and the admins with the most accurate information. Helps the stakeholders deal with financial transactions securely.
- **Integrate OTP in Auth:** Used AWS Lambda functions in AWS Cognito to setup a Custom Auth Flow designed for the purpose of Mobile OTP Authentication. Also used AWS SNS for sending the SMS.
- **Devops:** Be on call and handle deployments and CI/CD for multiple projects and help the team with integration best practices.

Indiahikes Remote (Vellore)
Software Engineer · Trek Vitals Oct 2022 Jan 2023

- **Google Sheets API Service:** Use the Google Sheets API to feed data and help prepare the dashboard using a Google Cloud Service Account. Due to code complexity and UX concerns, the best approach to securely interact with the data was to put this behind a NestJS Backend. Chose NestJS for structural simplicity and similarity to team's existing Java Backends. Validated Kaycloak tokens for checking authenticated requests.
- **Integrate Keycloak:** Replaced an existing simple Email Password deprecated Auth system with a more secure and versatile Keycloak powered auth system. Dealt with App links and mobile browser for third party authentication protocols (OpenID)
- **Shift and coordinate to new backend:** The main objective of the TrekVitals project was to revamp the app and move from the deprecated old backend to new Java Backend. I coordinated with multiple product and backend teams to manage features and change endpoints, data structures.

IoTReady Remote (New Delhi)
Software Engineering Intern · Beaming White Jan 2021 - Mar 2021

- **React App Development:** Worked on integrating a React-Admin dashboard application with a Hasura powered GraphQL backend. Made an ERP program to manage marketing leads from scratch.
- **Support Backend development and configuration:** Helped with AWS SNS integration for sending and verifying OTPs. Dealt with generating and validating JWTs. Improved and updated Postgres schema for dealing with feedback and improving features.

PROJECTS

Treasure Hunt tech on Campus: Lead a team of engineers to design and deploy a Frontend and a Backend multi layer system that over 500 Concurrent users.

Court Hero: Created a complete web application in Java that could handle operations on relational MySQL databases to handle various processes of the university hospital.

VIT WiFi Connect: Published an Android app that helps student connect to WiFi in a single click. Helps avoid VIT's Clunky WiFi portal site.

Numpuz: Multiplayer UI intensive interactive puzzle based game. Built using ReactJS with a Realtime leaderboard.

PROGRAMMING SKILLS

Languages: TypeScript , Go , JavaScript , Python , C

Technologies: Gofiber , NodeJs , ReactJS , NextJS