

Balaji K

Software Engineer

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SUMMARY

Full Stack MERN Developer with 1+ year of experience delivering scalable web apps in a startup environment, including a SaaS-based E-safe management platform and hospital food ordering system. Skilled in **React, Next.js, Node.js, MongoDB, and TypeScript**.

EXPERIENCE

Full Stack Developer

Jun '24 — Present

Ensure Safe Consultancy PTE LTD

Singapore (Remote)

Led the full development lifecycle from requirement gathering to deployment, delivering a fully functional E-safe Management system. Designed architecture, built features, and deployed the application to production

- **Developed a multi-role E-safe Management system with 15+ modules**, enhancing operational efficiency by **40%**.
- **Implemented JWT authentication, face recognition, and live location tracking**, improving security and attendance accuracy by **30%**.
- **Built dynamic and customizable checklists & workflows**, reducing manual process time by **50%** across modules.
- **Automated PDF & Excel report generation using EJS templates**, cutting documentation time by **60%**.
- **Built interactive dashboards with Chart.js**, streamlining data analysis and improving decision-making by **35%**.

Hospital Food Ordering Platform

Tech Stack: Next.js, TypeScript, Tailwind CSS, shaden/ui, Radix UI, TanStack Query, Node.js, Express.js, MongoDB, OpenAPI, JWT (cookie-based), Swagger UI

Singapore (Remote)

- Developed a **multi-tenant SaaS web application** for hospitals, allowing patients to order meals via mobile or nurse-operated tablets.
- Implemented **cookie-based JWT authentication** with role-based access and a responsive **admin dashboard** for hospital staff.
- Designed a **scalable backend** using Express.js, MongoDB, and **OpenAPI (with Swagger UI)** for API documentation and testing.

Junior Frontend Developer

Jan '24 — Feb '24

Nanlogical Consultancy Services Pvt Ltd

Chennai, India

- **Developed the NanLogical Official Website** using **Bootstrap 5 & JavaScript**, ensuring seamless UI interactions and fixing **110+ bugs** for cross-device compatibility. ([Web Link](#) , [Code Link](#))
- **Designed and optimized "Ella," an e-commerce dress store**, reducing load time by **40%** and resolving **70+ bugs** in UI and functionality. ([Web Link](#) , [Code Link](#))

EDUCATION

B.E in Computer Science and Engineering, IFET College of Engineering (GPA: 8.88)

Nov '20 — May '24

Vilupuram, India

- Activities and societies: Student Representative for **Placement Activities** in the Class, **Emcee** for College Events in **English**, Member of **ISTE** (Indian Society for Technical Education).

SKILLS

Languages: Javascript, Python, HTML, CSS, C, Java

Framework/Library: ReactJS, Express.js, Bootstrap5, Redux, Django, Nextjs, Tailwind, Typescript, TanStack Query

Tools: Git, Github, Postman, Figma, Swagger UI

Databases: MongoDB, Mysql

Platforms: Windows, Visual Studio Code, Eclipse

PROJECTS

Django-Based Student Resource and Announcement Portal [Link](#)

Jun '22 — Jul '22

- Crafted a **centralized web app** for students, capable of storing **materials** and **announcements**.
- Engineered a Fullstack app with **Bootstrap 5, JavaScript, Django**, and **MySQL**, saving **30%** in development time through efficient code structuring.
- The system is **deployed** on the **PythonAnywhere** platform and reduced **30% load time**.

CERTIFICATIONS

Full Stack Development – MERN, Apj Dream Tech

Jan '24

Python and Django Framework for Beginners Complete Course, Udemy

Dec '22