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 complete product lifecycle from requirement gathering and system design to production deployment for a multi-tenant E-Safe Management platform.

- **Architected and led** the end-to-end development of a **multi-tenant E-Safe Management platform** with 15+ enterprise modules, boosting operational efficiency by **40%**
- Implemented **JWT authentication, role-based access control, real-time face recognition, and live GPS tracking**, improving security and attendance accuracy by **30%**
- Designed and deployed **dynamic checklists & customizable workflows**, automating permit approvals and reducing manual processing time by **50%**.
- Developed **automated PDF/Excel reporting** using EJS templates, slashing documentation effort by **60%**
- Built **interactive dashboards** with Chart.js and optimized database queries, improving data-driven decision making by **35%** and reducing API response time by **20%**.

Junior Frontend Developer (Intern) — Jan '24 — Feb '24
Nanlogical Consultancy Services Pvt Ltd — Chennai, India (Remote)

- **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
Framework/Library: ReactJS, Express.js, Bootstrap5, Redux, Django, Nextjs, Tailwind, Typescript
Tools: Git, Github, Postman, Figma, Swagger UI
Databases: MongoDB, Mysql
Platforms: Windows, Visual Studio Code, Eclipse

PROJECTS

Hospital Food Ordering Platform — May '25 — Aug '25

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

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.

CERTIFICATIONS

Full Stack Development – MERN, Apj Dream Tech — Jan '24
Python and Django Framework for Beginners Complete Course, Udemy — Dec '22