

Balaji K

Software Engineer

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EXPERIENCE

Full Stack Developer

Jun '24 — Present

Ensure Safe Consultancy PTE LTD

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%**.

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](#))
- **Built "Jamoo-CraveCrafter," an e-commerce snacks website**, creating an advanced UI and fixing **80+ issues** to enhance performance and user experience. ([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: C, Java, Python, Javascript, HTML, CSS

Framework/Library: Django, ReactJS, Express.js, Bootstrap5, Redux

Tools: Git, Github, Postman, Figma, Picsart, canva

Databases: Mysql, MongoDB

Platforms: Windows, Visual Studio Code, Eclipse, Jupyter Notebook

PROJECTS

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

Jun '22 — Jul '22

- Crafted a **centralized web app** for students, capable of storing **1000+ materials** and **announcements**.
- Engineered a Fullstack app with **Bootstrap 5, JavaScript, Django, and MySQL**, saving **30%** in development time through efficient code structuring.
- Admins can view, **upload**, and **delete** content, while users have **2 access levels: viewing and downloading**.
- The system is **deployed** on the **PythonAnywhere** platform and reduced **30% load time**.

Admin Panel [Link](#)

Nov '23 — Jan '24

- Developed a **React Admin panel** with **CRUD Operations** for users, vendors, products, orders, FAQs, and a **dashboard**, handling data for **over 1000 records**.
- Implemented a Fullstack app with **MongoDB, Node.js, and Express.js** for REST APIs, integrated with **AXIOS** in the frontend, managing data for over **1000 users**.
- Enhanced security by implementing **JWT** for **secure authentication** and **bcrypt** for **password hashing**, **Led a team of 3 members** to enhance **productivity**.

Weather App [Link](#)

Feb '24 — Feb '24

- Created a **weather app** that utilizes the **OpenWeatherMap** API to provide forecasts based on **city locations**.
- Provides Celsius **temperature, humidity, and wind speed** data, with temperature images **adjusting based on the reading**, covering over **1000 cities**.

CERTIFICATIONS

Full Stack Development – MERN, Apj Dream Tech

Jan '24

Python and Django Framework for Beginners Complete Course, Udemy

Dec '22