

Vikram

☎ +91-8169129325 | ✉ Email : vikrampujary0000@gmail.com | 🔗 LinkedIn Profile |

EXPERIENCE

System Engineer

Nov 2021 – July 2023

Infosys

India

- Developed and maintained internal applications using **Angular** for frontend development and **Express.js**, **NestJS**, **MongoDB**, and **PostgreSQL** for backend tasks.
- Enhanced user interfaces by adding features such as **admin dashboards**, **dynamic tables**, and **custom tabs** to improve user experience and functionality.
- Implemented a **PDF generation feature**.
- Collaborated on integrating **offline functionality**, ensuring core features of applications worked without a stable internet connection.
- Contributed to geospatial features using **Leaflet.js**, supporting **map-related functionalities** within internal applications.
- Tested APIs using **Postman** and maintained code quality by writing **unit tests** in **Jasmine**.
- Worked on multiple internal applications for the same client, adapting to evolving business needs and ensuring seamless functionality.

PROJECTS

The Daily Grind | *Angular, Node.js, Express, Sequelize, PostgreSQL, TailwindCSS*

Github — Live

- Developed a full-stack Cafe Management System web application with Node.js and Express serving a REST API, and Angular as the frontend.
- Implemented JWT-based authentication with role-based access control (RBAC) to secure application routes and API communications.
- Built dynamic forms and advanced data tables with Angular Material, supporting sorting, filtering, and CRUD operations.
- Integrated RESTful APIs for smooth backend communication, using Angular's HttpClient and custom services for data management.
- Optimized performance by implementing lazy loading, utilizing ChangeDetectionStrategy, and adding loading indicators using NgxUiLoader
- Developed a product and category management system with dynamic pricing calculations and PDF export functionality for bill generation.

K-Mart | *Angular, Node.js, Express, MongoDB, TailwindCSS*

Github — Live

- Developed a full-stack E-Commerce web application using Angular 17+ for frontend with REST APIs for dynamic product catalog and user management
- Implemented JWT-based authentication with role-based access control (RBAC) for secure session management and user authorization
- Built dynamic shopping cart functionality with real-time updates and integrated wishlist management with state management and API integration
- Created responsive UI utilizing Angular Material and custom TailwindCSS for modern design and user experience
- Designed and implemented multi-step checkout forms with validation for seamless user experience

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, SQL (PostgreSQL)

Frameworks: Angular, Angular Material, Express.js, Node.js, NestJS

Testing Libraries: Jasmine

Developer Tools: Git, VS Code, Postman

Databases: PostgreSQL, MongoDB

Version Control: Git

EDUCATION

BMS College of Engineering

Bengaluru

Bachelor of Engineering in Mechanical Engineering

2017 – 2021