THAPASWINI VANUKURI

thapaswini.vanukuri@gmail.com |+91 6304250388 | Bengaluru | linkedin.com | github.com | Portfolio

CAREER SUMMARY

Results-driven Full Stack Developer with a strong foundation in Java and the MERN stack. I specialize in designing, developing, and deploying scalable web applications from end to end. I am a passionate and detail-oriented problem solver eager to apply my skills to build efficient, high-performance software.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript (ES6+), Node.js
- **Front-End:** ReactJS, HTML, CSS, Bootstrap
- **Back-End:** Java (Core, Servlets), Node.js (Express.js)
- **Databases:** MySQL, MongoDB (with Mongoose)
- **Version Control:** Git, GitHub
- **Developer Tools:** VS Code, Eclipse IDE, Postman, MySQL Workbench

EDUCATION

Bachelor of Technology in Computer Science and Engineering   **August 2019 – May 2023**
Vignan's University, Guntur, AP   CGPA: 8.76

PROJECTS

Full-Stack Food Ordering Platform | **[Live Demo](Live%20Demo)** | GithubBackend | GithubFrontend

A comprehensive MERN stack application designed to streamline the food ordering process.

- Engineered and designed the complete backend architecture using Node.js/Express, including RESTFUL APIs for user management, product CRUD, and order processing.
- Implemented robust security features, including JWT-based authentication/authorization and bcrypt hashing to protect user credentials.
- Developed a dynamic responsive front end using React, leveraging hooks for state management and Axios for seamless API communication.
- Optimized database performance by designing efficient MongoDB schemas and writing complex $lookup aggregations to manage relational data.

ABC Travels and Logistics Automation | Github

A standalone Java application designed to automate and optimize the booking and route management process for a travel agency.

- Architected a dynamic pricing module, contributing to a 15% increase in revenue.
- Drove a 20% reduction in booking time by implementing an intuitive menu-driven interface and optimized data handling with Java Collections (ArrayLists).
- Enhanced system integrity by developing a secure authentication mechanism with an account lockout policy.

Online Expense Tracker | Github

A full-stack web application providing users with a secure and intuitive platform for personal expense management.

- Assisted in designing and developing the backend logic using Java to handle all CRUD operations for expense tracking.
- Collaborated on the development of a key feature for generating categorized expense summaries, empowering users with actionable insights for better budgeting.
- Implemented a secure user authentication system to ensure a personalized and protected tracking experience.

CERTIFICATIONS & ACHIEVEMENTS

- Achieved 5-Star Gold Badge in SQL on HackerRank, demonstrating advanced proficiency in relational database querying and analysis.
- Completed comprehensive training in Java, SQL, and web development with Besant Technologies.