Vamshi Penti

Motivated software developer with expertise in ReactJS, Node.js, MongoDB, React Native, and Spring Boot. Strong problem-solving skills and a passion for building dynamic, scalable applications. Eager to contribute to innovative projects and expand knowledge in full-stack development.

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WORK EXPERIENCE

Kapil Technologies

Associate Software Engineer   October 2023 - July 2024
- Developed and maintained web applications using Java and Spring Boot framework.
- Integrated RESTful APIs for communication between front-end and back-end systems.
- Worked on microservices architecture for scalable and modular application development.
- Utilized Hibernate for ORM-based database management and ensured efficient data handling.
- Participated in code reviews, ensuring adherence to best practices and coding standards.
- Worked in Agile/Scrum development environments, contributing to sprint planning and daily stand-ups.
- Developed and optimized database queries for high-performance applications.

Technokrytes

Intern   January 2025 - present
- Developed and deployed cross-platform mobile applications using **React Native**, optimizing performance and user experience for both Android and iOS devices.
- Built dynamic, responsive web applications with **ReactJS**, integrating modern state management techniques like Redux and Context API for efficient data flow.
- Designed and implemented RESTful APIs with **Node.js** and **Express**, ensuring seamless communication between front-end and back-end systems.
- Managed and optimized **MongoDB** databases, implementing efficient data models and queries to enhance application scalability and performance.
- Collaborated in an Agile environment, using **Git** for version control, conducting code reviews, and ensuring continuous integration and delivery with tools like **Jenkins** and **Docker**.

EDUCATION

MBA - 7.00 CGPA   November 2021 - December 2023
Bachelor of Technology-(CSE) - 7.43 CGPA   August 2017 - August 2021

PROJECTS

Full-Stack E-Commerce Application (ReactJS, Node.js, MongoDB)   July 2024 - December 2024
- **Developed a Full-Stack E-Commerce Web Application** using **ReactJS** for the frontend and **Node.js** with **Express** for the backend, allowing users to browse products, manage their shopping cart, and complete transactions.
- **Implemented User Authentication and Authorization** with JWT tokens, ensuring secure login and registration features for customers and admins.
- **Designed a scalable database** with **MongoDB**, storing user data, product details, and transaction history, optimized with indexing for fast queries.
- **Integrated third-party payment gateway** for secure processing of payments, ensuring seamless transactions.
- **Deployed the backend on Render** and frontend on a cloud service, providing users with a fully operational e-commerce platform accessible across devices.

Personal Finance Tracker (React Native, Node.js, MongoDB, React JS)   January 2025 - March 2025
- **Built a Personal Finance Tracker mobile app** using **React Native** for cross-platform (iOS and Android) development, enabling users to track expenses, income, and manage budgets efficiently.
- **Created RESTful API endpoints with Node.js** and **Express** for user registration, authentication (using JWT), and CRUD operations on transactions.
- **Designed a MongoDB database schema** to track user transactions, monthly budgets, and spending categories, with optimized query performance.
- **Integrated dynamic charts** to visualize financial data (income, expenses) using libraries such as **react-native-chart-kit** for better data insights.
- **Deployed the backend on Render** and connected it with the mobile app, ensuring smooth communication using **Axios** for API requests and implementing offline support using **Redux-Persist**.

SKILLS

Programming Languages: Java, JavaScript (ES6+), TypeScript, Advance Java, JDBC, Micro Services, java 8+
Frontend Development: ReactJS, React Native, HTML5, CSS3, Bootstrap
Backend Development: Node.js, Express.js, Spring Boot, Spring MVC, Spring Security, RESTful APIs
Databases: MongoDB, MySQL, PostgreSQL
Version Control & Tools: Git, GitHub,
Testing & Automation: Jest, Manual, Postman,
Deployment: Render,

CERTIFICATES

Software Engineer Intern ↗

Problem Solving ↗

Full Stack Java Developer – (ReactJS, NodeJS, MongoDB, Express

LANGUAGE

English Proficient

Hindi Proficient

Telugu Native

AWARD

Top Performer Award

Leadership Excellence Award

SOFT SKILLS

- Problem-Solving
- Attention to Detail
- Collaboration & Teamwork
- Adaptability & Continuous Learning
- Effective Communication
- Time Management
- Critical Thinking
- Leadership
- Conflict Resolution
- Customer-Oriented Thinking