Karthika KL

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Summary

Passionate Full Stack Developer specializing in the MERN stack (MongoDB, Express.js, React, Node.js). Proficient in developing scalable and high-performance web applications. Skilled in both frontend and backend development with a strong ability to collaborate in cross-functional teams. A dedicated professional with a growth mindset, eager to apply technical expertise and problem-solving skills to dynamic and challenging projects.

Skills

Programming Languages: JavaScript (ES6+), TypeScript, SQL, C

Frontend Technologies: HTML, CSS, React, Redux (Toolkit), EJS, Tailwind CSS, Bootstrap

Backend Technologies: Node.js, Express.js, MongoDB, PostgreSQL, Firebase, RESTful APIs, Multer, Nodemailer

Tools and Technologies: Git, GitHub, Postman, AWS, Nginx, VSCode

Development Concepts: Data Structures, Algorithms, JWT, MVC Architecture

Soft Skills: Team Collaboration, Problem-solving, Time Management, Adaptability, Communication

Education

Bachelor of Technology in Electronics and Communication Engineering

Government Engineering College, Thrissur, Kerala *Aug 2018 – July 2022*

Experience

MERN Stack Developer

Brototype, Kochi, Kerala *Sept 2023 – Present (Ongoing)*

- Actively participating in an immersive training program focused on full-stack web development, covering both frontend and backend technologies.

- Developing industry-standard projects, including user management systems and e-commerce platforms, using React, Redux, Node.js, MongoDB, and RESTful APIs.

- Engaging in collaborative coding environments, peer reviews, and agile methodologies to deliver efficient and scalable solutions.

- Enhancing problem-solving skills by working on real-world applications and deploying projects to production.

- **Program Equivalent:** 1 Year Equivalent of professional experience in MERN stack development, focusing on both frontend and backend technologies.

Projects

E-commerce Website: Selling Shoes *Feb 2024 – Present*

Technologies: MongoDB, Node.js, Express.js, Razorpay API, HTML, CSS, Multer, Nodemailer

- Designed and deployed a fully functional e-commerce platform with user authentication, payment integration, and cart functionality.

- Enhanced transaction rates by 30% through seamless Razorpay integration and improved user experience.

- Automated email notifications using Nodemailer, optimizing operational efficiency.

- **Source Code:** github.com/karthikakl/Kicks-Co

User Management System *Oct 2023*

Technologies: React, Redux, Node.js, Express.js, MongoDB, HTML, CSS

- Developed a secure, role-based user management system with distinct user and admin interfaces.

- Improved load times by 20% with efficient CRUD operations using Redux state management.

- Implemented JWT authentication for secure data handling and user authentication.

- **Source Code:** github.com/karthikakl/User-management

To-Do List Application *Sept 2023*

Technologies: React, JavaScript, HTML, CSS

- Created a responsive task manager to add, edit, and organize tasks for efficient task management.

- **Source Code:** github.com/karthikakl/To-Do-List

Netflix and OLX Clones *Jan 2024*

Technologies: React, Firebase, RESTful APIs

- Developed responsive clones of Netflix and OLX with dynamic content and real-time updates.

- Enhanced user engagement by integrating secure user authentication with Firebase.

- **Source Code:** github.com/karthikakl/Netflix-clone, github.com/karthikakl/Olx-clone

Netflix and CRED Clone (Static Websites) *Sept 2023*

Technologies: HTML, CSS

- Developed static clones for Netflix and CRED with mobile-first, responsive design.

- **Source Code:** github.com/karthikakl/Cred–Html-Css-, github.com/karthikakl/Netflix-Html-css