

ARJUN P S

Full-Stack Developer | MERN Stack | Real-Time Apps

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SUMMARY

Self-taught full-stack developer with hands-on experience building scalable, real-time web applications using the MERN stack. Passionate about writing clean, reusable code, solving real-world problems, and contributing to collaborative, high-performing teams through efficient software architecture.

SKILLS

- **Languages:** JavaScript, Python, C, HTML, CSS
 - **Frontend:** React.js, Redux, React Router, Tailwind CSS
 - **Backend:** Node.js, Express.js, Socket.io, JWT
 - **Database & Deployment:** MongoDB, MySQL, Render
 - **Tools & Utilities:** Postman, Git, GitHub,
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WORK EXPERIENCE

MERN Stack Developer

July 2024 - Present

- Built and deployed full-stack web applications using the MERN stack, delivering responsive UIs, secure REST APIs, and optimized database performance for real-world use cases.
- Built a responsive food ordering web application with React.js and Tailwind CSS, integrating dynamic routing and user authentication
- Explored and implemented real-time communication using WebSocket and Socket.IO, enhancing application interactivity and reducing server response latency by 40%.

Junior Software Engineer, TopScore Solutions – Vyttila, Kochi

June 2023 - July 2024

- Developed and customized WordPress websites with responsive, mobile-first layouts and user-friendly interfaces.
 - Improved website performance by optimizing page load speed, implementing SEO best practices, and refining database queries.
 - Collaborated cross-functionally with UI/UX designers and backend engineers to enhance site features and streamline deployment workflows.
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PROJECTS

Code Tie – Full-Stack Social Networking Platform

- Developed a scalable MERN stack web application enabling real-time messaging, video calls, and professional networking for developers.
- Designed and implemented RESTful APIs using Node.js, Express.js, and MongoDB, secured with JWT authentication and password hashing.
- Optimized MongoDB performance using Mongoose features such as ref, populate, and compound indexing for efficient querying.

- Built a responsive and dynamic React.js frontend with Redux for state management and seamless integration of APIs.
 - Integrated real-time communication features using Socket.IO and WebRTC, and added secure error handling, input validation, and paginated data feeds.
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EDUCATION

Diploma in Computer Engineering

2020 - 2023

Kerala Technical University

- Completed a Diploma in Computer Engineering, gaining a strong foundation in software development, data structures, and database management systems.
- Developed a PetCare Management System as a capstone project using front-end and back-end technologies to manage pet profiles.
- Collaborated with a team of 3 students, following Agile practices to design system architecture, implement features, and conduct testing and documentation.