AJAYVARMAN K

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LinkedIn | GitHub | GFG | portfolio

CAREER OBJECTIVE

Entry-level MERN Stack Developer with hands-on experience building full-stack web applications using React, Next.js, Node.js, Express, and MongoDB. Developed real-time applications using Socket.io and implemented secure authentication with JWT. Strong foundation in JavaScript, REST APIs, and problem solving. Actively seeking a Software Trainee or Junior Developer role.

TECHNICAL

Languages: JavaScript, TypeScript, Python
Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS, Shadcn UI, Redux Toolkit
Backend: Node.js, Express.js, MongoDB, MySQL, REST API, GraphQL, Socket.io
Tools: GitHub, Postman, AWS, Firebase, Power

PROJECTS

CampusCart | MarketPlace App | Link

Tech Stack: React.js, Next.js, Express, MongoDB, JWT, REST API

- CampusCart is a full-stack campus marketplace web application designed exclusively for college students to buy, sell, and exchange academic essentials such as books, lab coats, calculators, and more within their campus community.
- Implemented secure authentication and authorization using JWT for safe and personalized access. Integrated dynamic product listings, allowing users to post, update, and manage their items easily.
- Built an interactive chat system for direct messaging between buyers and sellers, enabling real-time conversations within the platform.

WeChat | Chat Application | Link

Tech Stack: MERN, Socket.io, TailwindCSS, Daisy UI, Zustand, JWT, MongoDB

- Built a real-time chat app with instant messaging, online user tracking, and secure authentication using JWT.
- Integrated Socket.io for real-time communication and Zustand for global state management, with robust error handling on both client and server.
- Designed a clean, responsive UI using TailwindCSS and Daisy UI for seamless user experience.

Personal Portfolio Website | Link

Tech Stack: React, React-Bootstrap, Animate.css

- Built a personal portfolio website to showcase projects, skills, and achievements.
- Designed a clean, responsive UI using React and React-Bootstrap, with engaging CSS animations powered by Animate.css for a polished and interactive user experience.
- Bootstrapped with Create React App for fast setup and scalable architecture.

CERTIFICATIONS

- **MongoDB Node.js Developer Path** – MongoDB University
- **Front End Development Libraries** – freeCodeCamp
- **JavaScript Algorithms and Data Structures** – freeCodeCamp

EDUCATION

Bharathidasan Engineering College   *2022-2026*
Bachelor of Engineering in Computer Science
Relevant Coursework:
Software Engineering, Data Structures & Algorithms, Object-Oriented Programming (OOP), Web Engineering, Database Management Systems, Operating Systems, Computer Networks, Machine Learning.