Ajay Kumar T P

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[LinkedIn]   [GitHub]   [My Portfolio]

Full Stack Developer (MERN)

Full-stack developer specializing in MERN stack, building scalable, secure, and high-performance web applications. Proven track record of improving API efficiency, delivering production-ready features, and enhancing user experience through clean architecture and optimized code. Passionate about solving real-world problems and shipping reliable software in Agile environments.

EXPERIENCE

MERN STACK INTERN
CAMERIN FOLKS | KOCHI | JANUARY 2025 - JULY 2025

- Delivered 6+ production level features across front end and back end using React, Node.js, Express.js and MongoDB.
- Optimized API performance and database queries, improving response time by ~40% for high traffic endpoints.
- Implemented JWT based authentication & role-based access control, increasing system security.
- Built reusable UI components and state management logic reducing development time by ~20%.
- Performed debugging & code reviews resulting in 30+ defects resolved and improved code quality.
- Designed MongoDB schemas and applied aggregation pipelines to power dynamic dashboards.
- Collaborated in Scrum rituals - daily standups, sprint planning, and demo sessions.

TECHNICAL SKILLS

- **Frontend:** React.js, HTML5, CSS3, Bootstrap, Redux Toolkit, TailwindCSS
- **Backend:** Node.js, Express.js, Rest APIs, GraphQL
- **Database:** MongoDB, Mongoose
- **Languages:** JavaScript (ES6+)
- **Tools & DevOps:** Postman, Apollo Server, Git, GitHub, Docker, GitHub Actions (CI/CD Pipeline)
- **Others:** RBAC, JWT Authentication, Deployment (Render), Routing, DOM Manipulation

EDUCATION

Master of Computer Application
KTU University | Sree Narayana Guru Institute of Science and Technology, Manjaly | August 2023 - May 2025

PROJECTS

- **DocNet - [Project link: https://docnet-mxnp.onrender.com/]:** Built a full stack booking system for doctors & patients with authentication, role permissions & dashboards. Designed database models and optimized booking logic enabling real time availability checks. Developed responsive UI and calendar-based scheduling workflow improving user experience. Designed to streamline healthcare access through a responsive and user-friendly interface.
- **Movie Mate:** Engineered platform that recommends movies based on emotional input using NLP. Implemented dynamic content streaming, ticket booking, and role-based accounts. Built review & rating module increasing session engagement. Integrated secure login, encrypted sessions & MongoDB schema design for scalability.

SOFT SKILLS

- Creative problem-solving and analytical thinking
- Effective teamwork collaboration and communication skills
- Adaptability

CERTIFICATIONS AND WORKSHOPS

- Joy of Computing using Python - NPTEL
- Certified MERN Stack Developer - Camerinfolks Pvt. Ltd.