Ajmal C A

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PROFILE SUMMARY

Full-Stack Developer skilled in **MERN stack, Next.js, and Redux**, with expertise in **building scalable applications** using **PostgreSQL and MongoDB**. Experienced in **real-time communication (Socket.io, WebRTC), authentication (JWT, Clerk), and cloud deployments (AWS, NGINX, PM2)**. Passionate about solving **problems, continuous learning, and delivering high-quality applications**.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Java, C
- **Frontend Development:** React, Next.js, Tailwind CSS, Bootstrap, EJS
- **State Management:** Redux, Redux Toolkit, Zustand
- **Backend Development:** Node.js, Express.js, Mongoose, REST API, MVC, Socket.io, WebRTC
- **Authentication & Security:** Clerk, JWT, OAuth, Firebase Auth
- **Database & Storage:** MongoDB, PostgreSQL, Firebase, AWS S3
- **DevOps & Deployment:** NGINX, AWS EC2, Route 53, PM2, TLS
- **API & Integrations:** Meta API, Google API, Razorpay, Multer, Twilio, Nodemailer
- **Tools & Design:** Git, GitHub, GitHub Actions, Postman, Figma, npm, Moon Modeler

Projects

Avocado(E-Commerce Platform **)** <div style="float:right">GitHub Repo</div>

- Built a **feature-rich e-commerce website** with **user authentication, product management, and payment integration**.
- Integrated **Razorpay for secure payments** and implemented **JWT authentication** for security.
- Designed a **scalable backend with Node.js, Express.js, and MongoDB** using **MVC architecture**.
- Utilized **AWS EC2, NGINX, and Route 53 for deployment**.

   Technologies: MongoDB, Express.js, Node.js, React, Redux, Tailwind CSS, Razorpay, Twilio, AWS EC2, Nginx, Route 53

Mini Projects

Real-Time Chat Application <div style="float:right">GitHub Repo</div>

- Developed a **real-time chat app with video call functionality**.
- Used **socket.io for real-time messaging** and **WebRTC for video communication**.
- Integrated **Clerk authentication for user security**.

   Technologies: React, Node.js, Socket.io, WebRTC, Clerk Auth

CRUD Application (MERN Stack, Redux Toolkit, JWT) <div style="float:right">GitHub</div>

- Implemented a **CRUD app with JWT-based authentication and role-based access control**.
- Used **Redux Toolkit** for efficient state management. .

OLX Clone (MERN Stack, Cloudinary, Redux) <div style="float:right">GitHub</div>

- Developed an **OLX-like marketplace** with **product listing, user authentication, and image uploads**.
- Used **Redux for state management** and improved app scalability.
- Integrated **Cloudinary** for optimized image storage and retrieval. .

Experience

Accountant, Irikkur Construction Company – Irikkur, Kerala ,   Nov 2022 – Dec 2023
- Managed **financial records, bookkeeping, and invoicing** for a construction contractor.
- Handled **accounts payable/receivable, payroll processing, and bank reconciliations**.
- Assisted in **budgeting, financial reporting, and tax preparations** to ensure compliance.
- Used **Excel and Tally** to streamline financial operations.
- Developed an internal reporting system **using Excel macros**, improving efficiency by **15%**.

Education

MERN Stack Development, Brototype – Bengaluru,   Jan 2024 – Present
- Intensive hands-on training in **React, Node.js, Express.js, MongoDB, and PostgreSQL**.
- Built multiple **full-stack projects, including an e-commerce platform and a real-time chat app**.

Mangalore University, Bachelor of Commerce   June 2019 – Sep 2022