Mohammad Umar

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SUMMARY

NodeJs Developer | Web Development | RESTful APIs & Authentication | UI/UX & Deployment
Proficient MERN Stack Developer with hands-on experience in building and deploying full-stack applications using MongoDB, Express.js, React.js, and Node.js. Skilled in creating RESTful APIs, JWT-based authentication, responsive UIs, and deploying apps via Vercel/Render. Committed to clean, scalable, and maintainable code.

WORK EXPERIENCE

Riveyra InfoTech Private Limited- Internship   May 2025 - June 2025
MERN Stack Developer Intern
- Optimized a government data module by implementing pagination and lazy-loading for 10000+ records reducing the loading time by 70 %.
- Designed and developed the complete backend architecture for a local base service discovery app called Findure using MERN and react native for fully responsive with UI with seamless API integration, and a 40% increase in overall app performance.
- Deployed high-performance Node.js backend on Render with 99.9% uptime and avg API response time under 200ms, integrated with MongoDB Atlas.
- Engineered a full-scale ERP Management System with 4 user roles (Admin, Students, Teachers, Counselors), enabling role-based access, secure login (JWT), and dynamic dashboards using react And tailwind; deployed with 99.9% uptime and scalable backend on Render.

EDUCATION

Chhatrapati Shahu Ji Maharaj University   Kanpur, UP
Bachelor of Computer Application   8.6 cgpa   Expected Jun 2026

PROJECTS

Natures Cure – naturecurezone.onrender.com   Kanpur, Feb 2025
Built a responsive MERN stack web app show casing 25+ medicinal plants across six AYUSH systems, with dynamic search, category filtering and intuitive navigation.
- Integrated 3D plant models using google-model-viewer, allowing 100% interactive viewing with rotation, zoom and info overlays.
- Implemented augmented reality (AR) support for 25+ plants, increasing user engagement and retention during demos and presentations.
- Integrated AI assistant 'Herba' with Gemini API for natural language plant query handling.

SKILLS

- **Backend**: Node.js, Express.js, RESTful APIs (Rapid API), JWT Authentication, Multer, Cloudinary.
- **Front-End:** React.js, Next.js (Basic), React Native, HTML5, CSS3, Tailwind CSS, JavaScript (ES6+).
- **State Management:** Context API, Redux Toolkit.
- **UI/Prototyping**: V0 by Vercel.
- **Database**: MongoDB (Atlas & Compass), Mongoose.
- **Tools & Platforms:** Git, GitHub, Postman, Visual Studio Code.
- **Deployment:** Render,Netlify.
- **Additional languages:**Java,python and C++.
- **Data Structures:** Arrays, Vectors, Stacks, Queues, Linked Lists.

ACHIEVEMENTS

Hackathon – Allenhouse Business School   Kanpur, June 2024
- Secured 2nd rank in a DSA-focused Hackathon held in Summer 2024.

Innovative Application Hackathon – Allenhouse Business School   Kanpur, Feb 2025
- Ranked among the Top 3 teams in a development-focused hackathon at Allenhouse.

INTERESTS

- Analyzing blockchain and cryptocurrency investment markets.
- Exploring and discovering new technologies.