

UTKARSH RAIKWAR

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PROFESSIONAL SUMMARY

Computer Science student specializing in backend and full-stack development with hands-on experience in Node.js, Python, and cloud deployment. Skilled in building and deploying scalable, high-performance server-side applications and RESTful APIs. Seeking a challenging Associate or entry-level development role to apply my skills in building innovative and efficient applications.

TECHNICAL SKILLS

- Backend:** Node.js, Express.js, RESTful APIs, WebSocket
- Databases:** MongoDB, Supabase
- Cloud & DevOps:** AWS (EC2, S3), Application Hosting
- Languages:** JavaScript, Java
- Frontend:** React.js, JavaScript, HTML, CSS
- Tools:** Git, JWT, NPM, Clerk Auth
- Additional Skills:** AI/ML (LangChain, LLM Integration, GPT APIs)

PROJECTS

Real-Time Chat Application

Tech Stack: Node.js, Express.js, MongoDB, WebSockets, Render, React.js, Tailwind CSS

- Engineered a scalable backend using Node.js and Express.js to manage user authentication, messaging, and data persistence with MongoDB.
- Implemented a WebSocket API for persistent, low-latency, bi-directional communication between clients and the server.
- Deployed the application on Render, ensuring reliable hosting and smooth integration with the frontend.

File Storage Service

Tech Stack: React.js, Node.js, Express, MongoDB, Cloud Storage (AWS S3)

- Developed a secure and scalable cloud-based file storage platform that allows users to upload, preview, and manage their files online.
- Implemented user authentication, file versioning, and role-based access control to ensure data privacy and integrity.
- Integrated RESTful APIs and optimized file uploads for performance and reliability.

Civic Reporting App

Tech Stack: React.js, Express.js, MongoDB, Leaflet.js, TailwindCSS

- Built a citizen engagement platform that enables users to report local civic issues (e.g., potholes, garbage, streetlights) with location tagging and media attachments.
- Designed a responsive UI with real-time issue tracking and admin dashboards for authorities to review and resolve complaints efficiently.

EDUCATION

Bachelor of Technology, Computer Science & Engineering

Expected 2026

Baderia Global Institute of Engineering and Management, Jabalpur

CGPA: 6.94

Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Software Engineering, Python, CCNA