

Om Chauhan

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SUMMARY

A highly skilled Full Stack Developer with experience in building and maintaining web applications. Proficient in database optimization and API development with a strong focus on performance, security, and scalability. Passionate about building user-centric software solutions.

PROFESSIONAL EXPERIENCE

Ubitech Solutions

Sept 2023 – May 2025

Full Stack Developer

- Developed advanced web panels (UbiAttendance and UbiHRM) using React.js and Next.js for employee management, including attendance, leave tracking, and face recognition.
- Implemented face registration and verification using Azure Cognitive Services for seamless attendance marking.
- Utilized AWS cloud storage for secure and scalable image storage and retrieval.
- Built Node.js + Express.js APIs with geofencing functionality for attendance validation based on location.
- Integrated payment systems via webhooks for real-time processing using Express.js middleware and secure callbacks.
- Developed a Redis-based authentication system for secure session management.
- Applied rate limiting to APIs to prevent DoS attacks and ensure stability.
- Optimized complex SQL and NoSQL queries, reducing execution time by 20%.
- Built robust REST and SOAP APIs for seamless integration with third-party systems.
- Integrated HikVision and ESSL biometric machines for real-time attendance tracking.
- Implemented CI/CD pipelines using GitHub Actions to automate build, test, and deployment processes to Azure.

Ubitech Solutions

Feb 2023 – Sept 2023

Full Stack Web Development Intern

- Gained hands-on experience in full-stack web development, including front-end and back-end technologies, database management, and API development.
- Collaborated with the development team to design and implement responsive user interfaces using React.js and HTML/CSS.
- Developed and maintained RESTful APIs using Node.js and Express.js to enable seamless communication between the front-end and back-end systems.
- Worked with MongoDB, MySQL for database design, data modeling, and efficient querying to store and manage user data and application content.

PROJECTS

Chatify - Real-Time Chat Application [Demo] [GitHub]

- Developed a feature-rich chat application using the MERN stack and Socket.IO for real-time messaging.
- Implemented secure user authentication and session management using JWT.
- Designed scalable APIs and database architecture for high traffic handling.
- Enabled persistent data storage with MongoDB for user profiles and chat histories.
- Built a responsive front-end using React.js for optimal user experience.
- Deployed the application on Render with CI/CD pipelines for seamless updates.

Job Portal [Demo] [GitHub]

- Developed a full-stack Job Portal application using the MERN stack, enabling job seekers and employers to connect seamlessly.
- Authentication: Secure login and registration with JWT for job seekers and employers.
- Job Listings & Applications: Users can search, filter, and apply for jobs with resume uploads. Employers can post jobs and review applications.
- Admin Dashboard: Centralized management of users, companies, and job postings.
- Responsive UI: Built with React.js and Material-UI for seamless user experience on all devices.
- Backend APIs: RESTful APIs for job postings, user profiles, and applications.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, SQL

Frameworks/Libraries: Node.js, Express.js, React.js, Next.js, Bootstrap, Tailwind

Developer Tools: Git, Github Actions, Postman, Swagger

Databases: MySQL, PostgreSQL, MongoDB, Redis

Cloud Platforms: Microsoft Azure (App Service, Static Web Apps), AWS (S3), Vercel, Netlify

EDUCATION

- **Vikrant Institute of Technology and Management, Gwalior**
Bachelor of Technology in Computer Science

Aug 2020 – Jun 2024