

ASHISH KUMAR

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Profile Summary

- Full-Stack Developer with hands-on expertise in the MERN stack. Skilled in building secure, scalable REST APIs, integrating authentication systems, and deploying responsive web applications. Strong in Node.js backend development, database management, and cloud-based deployments.

Projects

EduTrack - AI Based Attendance System | *Node.js, Express.js, MongoDB, MTCNN, FaceNet, Docker* 🐙 [GitHub](#)

- Built a full-stack web app using React.js and Node.js that uses AI facial recognition to track attendance from images, reducing manual work for faculties
- Implemented secure role-based access control (RBAC) system with distinct user roles: Admin, Faculty, and Student, with a personalized dashboard.
- Built secure authentication system using JSON Web Tokens (JWT), enabling encrypted, token-based login for strong user data protection.
- Used machine learning algorithms to accurately identify students in various situations, improving system reliability.
- Created detailed API documentation with clear routes for authentication, user management, and attendance features.

MockMate – AI Career Coach Platform | *Next.js, Clerk, Gemini AI, PostgreSQL (Neon), Inngest, Docker* 🐙 [GitHub](#)

- Developed AI-powered career coaching platform with resume builder, cover letter generator, interview preparation, and industry insights using Gemini AI.
- Built using modern full-stack tools including Next.js 14, TailwindCSS, and PostgreSQL via Neon with serverless architecture.
- Integrated Clerk for secure user authentication and Inngest to manage background jobs efficiently.
- Deployed using Docker and Vercel, enabling high performance.

BookNest - A Book Store Platform | *MongoDB, Express.js, React.js, Node.js, JWT, Firebase, Docker* 🐙 [GitHub](#)

- Created full-stack Book Store Management System with secure user authentication via Firebase, robust inventory management, and intuitive shopping interface.
- Implemented RESTful APIs using Node.js and Express.js, creating efficient endpoints for user management and product operations.
- Designed responsive React frontend with role-based access control, offering an intuitive interface for customers to browse books and track orders.
- Integrated secure authentication flows using Firebase with industry-standard encryption and authentication protocols for enhanced security.

Experience

OctaNet Services Pvt. Ltd.

July 2024 – September 2024

Summer Intern

Remote

- Developed RESTful APIs using Node.js and Express.js, ensuring scalability and high performance to handle significant daily traffic.
- Implemented secure authentication with JWT and bcrypt, reducing unauthorized access and safeguarding user data.
- Optimized MongoDB schemas for improved query performance, enhancing data retrieval speed and system efficiency.
- Explored ways to visualize and send a daily report of test results to team members using HTML, JavaScript, and CSS

Technical Skills

Languages: JavaScript, C++, Python, HTML/CSS, SQL

Technologies/Frameworks: React.js, Node.js, Express.js, MongoDB, PostgreSQL, REST APIs, GitHub

Developer Tools: Git, VS Code, Postman, npm, Linux

Education

Sri Balaji College of Engineering & Technology

August 2021 – May 2025

Bachelor of Technology in Computer Science

Jaipur, Rajasthan

R.B.N Public School

August 2020 – July 2021

XII (PCM) — Examination Score: 86.8%

Jhunjhunu, Rajasthan