

# MOHD SHADAB

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## SUMMARY

Software Developer with a B.Tech in Computer Science and expertise in the MERN stack. Proficient in architecting scalable backend systems, designing RESTful APIs, and implementing real-time communication. Strong focus on writing clean, testable code and optimizing system performance (25% reduction in server response times). Proven ability to troubleshoot and debug complex software issues in fast-paced environments.

## SKILLS

**Languages/Frameworks:** JavaScript (ES6+), Node.js, Express.js, Python (FastAPI), React.js, Java (Basics)

**Databases & Backend:** MongoDB, MySQL, PostgreSQL, RESTful APIs, Socket.IO, SQL Database Skills

**Security & Infrastructure:** JWT (JSON Web Tokens), Bcrypt.js, RBAC, AWS (EC2, Lambda, S3), Git/GitHub

**Core Competencies:** Scalable System Design, Unit Testing, Code Reviews, Debugging, Responsive Design

## EXPERIENCE

### Software Developer Intern — Uptoskill

June – Aug 2025

- Developed and maintained scalable web applications using Node.js and Express.js, ensuring 100% data integrity through secure logic integration.
- Redesigned server-side data flows to reduce page load time by 25% and improved system maintainability for administrative panels.
- Collaborated with cross-functional teams to implement software engineering best practices, including unit testing and code reviews.
- Gained hands-on experience in the entire development process from design to deployment using Git/GitHub for source control.

## PROJECTS

### AI-Powered Resume Processing Pipeline — Link

Sept – Oct 2025

- Engineered a robust PDF-to-text pipeline using pdf-parse and Multer, integrating Gemini 2.0 Flash to identify missing ATS keywords with 40% higher accuracy.
- Developed Node.js/Express APIs for secure file processing and real-time LLM-based recommendations.
- Implemented fallback text-cleaning logic to handle corrupted documents, reducing parsing errors by 60%.

### Real-Time Collaborative Engine (Chess) — Link

Feb – March 2025

- Built a real-time multiplayer application using Socket.IO, ensuring accurate server-side move validation and state synchronization.
- Optimized WebSocket architecture to support 100+ concurrent users while reducing latency by 30%.

### Scalable E-commerce API (CoolStuff) — Link

Jan – Feb 2025

- Designed a full-stack e-commerce platform with secure JWT-based authentication and Role-Based Access Control (RBAC) for 500+ users.
- Implemented complex relational data handling and password hashing using Bcrypt.js to ensure user security.

## EDUCATION

### NIMS University, Jaipur

June 2022 – July 2026

Bachelor of Technology in Computer Science

**CGPA: 7.79**