

Rushabh Singh Baghel

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SUMMARY

3rd-year B.Tech student specializing in backend development with Java and Spring Boot. Experienced in building REST APIs and database-driven applications, with strong focus on security and clean, maintainable code.

TECHNICAL SKILLS

Programming	Java, JavaScript, HTML, CSS
Backend Frameworks	Spring Boot, Spring Security, REST API Design
Cloud	AWS Services, CI/CD Automation
Databases	MySQL, MongoDB, Spring Data JPA
Testing	JUnit 5, Mockito
Tools	Keycloak, Git
Architecture	Microservices, Monolithic Systems

CERTIFICATIONS & ACHIEVEMENTS

AWS Fundamentals Certification

GeeksforGeeks

Completed AWS fundamentals course covering cloud concepts, services, and deployment basics.

100 Days LeetCode Challenge

LeetCode

Solved 100+ problems to strengthen Data Structures and Algorithms skills.

TCS NQT Preparation Certificate

GeeksforGeeks

Certified for structured preparation for TCS National Qualifier Test.

PROJECTS

WorkPilot

[GitHub](#)

- Built RESTful APIs for employee and department management with proper validation.
- Implemented attendance, salary, and promotion modules with database integration.
- Integrated JWT authentication for secure login and role-based access.
- Added auditing, logging, and API documentation using Swagger and Actuator.
- Followed best practices and layered architecture for maintainable code.

WaterAID

[GitHub](#)

- Developed RESTful APIs for handling donations and donor records.
- Crafted a responsive frontend using HTML, CSS, and JavaScript.
- Integrated Stripe payment gateway for secure and reliable transactions.

Distributed Mini-Blockchain for Supply Chain

[Github](#)

- Built a real-time multi-node blockchain using Spring Boot and WebSockets enabling mining, broadcasting, and block validation.
- Applied ECDSA digital signatures and SHA-256 hashing for secure and tamper-proof transactions.
- Used MongoDB as a persistent distributed ledger for block storage and history tracking.
- Developed REST endpoints for transactions, mining, and node registration enabling seamless communication.

EDUCATION

2023 – 2027	Bachelor's in Computer Science, Medi-Caps University	GPA: 7.38
2022	Class 12th, M.P Board	89.6%
2021	Class 10th, M.P Board	85.6%