Shubham Raj Sharma

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Education

Vellore Institute of Technology - Bhopal, B. Tech in Computer Science and Engineering   2022 – 2026
- CGPA: 7.95/10.0

Holy Mission High School - CBSE, 12th Standard   Apr 2020 – Mar 2022
- Percentage: 82.7

Holy Mission High School - CBSE, 10th Standard   Mar 2019 – Apr 2020
- Percentage: 87.4

Skills

- **Programming Languages:** Python, Java, SQL, JavaScript
- **Web & Backend Technologies:** Node.js, Express.js, HTML, CSS, Bootstrap, Postman, XAMPP, AWS, MongoDB, MySQL

Experience

Trainee – Unstop   Oct 2024 – Jan 2025
- Completed 12-week certified training covering Java, DSA, SQL, and full-stack MERN technologies.
- Designed and deployed 3+ real-world applications, including log-in portals and analytics dashboards.
- Led testing of 20+ back-end endpoints using Git and Postman, ensuring consistent team integration.

Projects

Geo-Attendance System   GitHub - 2025
- Engineered a geolocation-based attendance system with adaptive radius control and time-slot validation for 2+ user roles.
- Deployed to Render and Google Cloud, tested with 120+ users; achieved sub-50ms latency in real-time geofence checks.
- Utilized Node.js, Express, MongoDB, HTML/CSS/JS for full-stack implementation; secured 90%+ user routes with JWT.

Library Management System   GitHub - 2025
- Developed a Java and SQL based Library Management System to effectively manage book records and user accounts.
- Implemented CRUD operations with backend database connectivity to maintain real-time inventory and user activity.
- Enabled efficient handling of book borrowing, returning, and inventory updates, improving library operational workflow.

Hostel RoomMate Sync   GitHub - 2025
- Implemented an innovative platform for roommate allocation and room management for 1,000+ students, Excel-based onboarding, and automated roommate pairing cutting manual workload by 90%.
- Implemented JWT authentication and role-based access, reducing unauthorized access incidents by 80%.
- Built using Node.js, Express, MongoDB, JWT, HTML, CSS, and JS; handled 1,500+ data records.

Student Marks Management System   GitHub - 2024
- Built a web dashboard displaying 100+ student marks with filters for name, registration number, course, slot, and faculty..
- Integrated JWT-based authentication with role-specific views; improved data access control and reduced error reports.
- Built using Node.js, MongoDB, and responsive UI components for real-time data retrieval with <300ms response time.

PhysicsCentre.in   GitHub - 2023
- Conceptualized and launched a responsive coaching website with 10+ functional sections; delivered under 2.5s load time.
- Integrated Google Drive API for automated document sharing; reduced manual work by 10+ hours weekly.
- Built with HTML, CSS, JavaScript, and Bootstrap; resulting in 2x faster page loads and 150+ monthly visitors.

Certifications

- **MongoDB Associate Database Administrator** – MongoDB University
- **Blockchain Fundamentals and Developer** – IBM SkillsBuild / Cognitive Class

Extracurricular Activities

- Ranked 1571st in Unstop Weekly Coding Challenge 17.
- Participated in Flipkart GRID 6.0.
- Cleared Round 1 of TATA Crucible Campus Quiz 2024.