

ROHIT YADAV

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Education

BABU BANARASI DAS UNIVERSITY ,LUCKNOW

Jul 2022 – May 2026

Bachelor of Technology (CSE) ,GPA :8.35 till 7th semester exam

Lucknow, India

Experience

AlkaTech Software Solution Pvt. Ltd -(Hybrid) [Certificate](#)

Oct 2024 – Mar 2025

Software Engineer Intern

Lucknow, Uttar Pradesh

- Collaborated with a team of developers to design, develop, and test web-based applications using technologies such as e.g., JavaScript, React, Node.js, Next.js, etc.
- Contributed to writing clean, maintainable, and efficient code following industry best practices.

Projects

A Real-Time Web Application for Autonomous Accident Detection and Emergency Response Coordination [Code](#)

- Developed an automatic Smart Web Applications for Accidental and Emergency Situation.
- Developed an automated smart web application to detect and manage accidental and emergency situations in real time.
- The system integrates sensors, location tracking, and a web dashboard to alert nearby hospitals, emergency services, and contacts also features real-time location mapping, automated alert generation, and a user-friendly interface for reporting and monitoring emergencies.
- Built using ESP32, MPU-6050, React.js, Django (Python), REST APIs, JWT authentication, and Google Maps API for secure real-time tracking and response.

Revolutionizing Voting with faster and secure automated verification | [MERN Code](#)

- Designed and developed a secure, automated voter verification system to streamline the voting process.
- The QR Code-based Digital Voting Pass is an innovative solution designed to enhance the security, efficiency, and transparency of the voting process

Technical Skills

- **Coding Languages:** Python, SQL, Java, JavaScript, Python.
- **Developer Tools:** VS Code, Firebase, Postman, Git, Github ,AWS, GCP
- **Web Development and Database:** Next.js, React.js, MongoDB, Nodejs, AngularJS, Express.js.
- **Soft Skill:**Leadership, Organizing, Communication, Public Speaking, Time Management

Achievements

- Achieved an all time **Global rank of 2481** out of **537,000+** Users on **TCS CodeVita Session 12 [Certificate](#)**
- 300+ DSA Questions Solved: Completed challenges on platfornr like LeetCode AND Hackerrank..
- Successfully completed Soft Skill Training organised by Learnovate Enterprises held in Babu Banarasi Das University, Lucknow in NOV 2024- MARCH 2025.
- **Published Research Paper at IEEE iConSCEPT 2025** titled “A Real-Time Web Application for Autonomous Accident Detection and Emergency Response Coordination” focusing on AI-driven emergency automation. [Certificate](#)

Leadership / Extracurricular

Team Leader

Spring 2024 – Present

President

BBD University

- Participated in Lawn Tennis at SANGRAM'24, organized by IIT Roorkee (March 2024). [Certificate](#)
- Actively participated in Hackathon 2025 at Dr. RMLIMS, Lucknow (31st Jan – 1st Feb 2025) [Certificate](#)
- Secured 1st Rank in Technical Event (Future Tech) at Utkarsh'25, BBD University Annual Fest (Feb 2025). [Certificate](#)