

SAURABH KUMAR JHA

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EDUCATION

National Institute of Technology, Uttarakhand

B.Tech in Electrical and Electronics Engineering

C.M. Science College, Darbhanga

Major: Physics, Chemistry, Mathematics

Dec 2021 – May 2025

CGPA: 7.10

Aug 2018 – Apr 2020

Percentage: 84.00%

SKILLS

- **Programming Languages:** Java, C++, JavaScript, Python, Scala, HTML, CSS
- **Frameworks & Libraries:** Spring Boot, React, Node.js, Express.js
- **Databases:** MySQL, Oracle, MongoDB, DynamoDB, Cassandra
- **Cloud Platforms:** AWS, Microsoft Azure, Google Cloud Platform (GCP)
- **Development Practices:** RESTful APIs, Microservice Architecture, Domain-Driven Design, Test-Driven Development (JUnit, Mockito), Agile/Scrum
- **Monitoring & Tracing Tools:** Splunk, Kibana, Grafana.
- **Infrastructure & DevOps:** Git, GitHub,
- **Coursework:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), Operating Systems, DBMS, Computer Networks, System Design
- **Soft Skills:** Problem Solving, Critical Thinking, Leadership, Decision Making, Teamwork, Communication, Ownership, Adaptability

PROJECTS

Mithila Crafts E-commerce Website (View Project)

Aug 2024 – Nov 2024

- Developed a full-stack e-commerce platform using the MERN stack with secure user authentication and responsive UI.
- Integrated REST APIs for product handling and payment simulations; deployed on Netlify.

Authentication and Role-Based Access Control System

Dec 2024 – Jan 2025

- Built a secure MERN stack application implementing JWT-based authentication.
- Developed RBAC with dynamic access control and admin privileges.
- Applied microservice principles and documented APIs for scalability.

INTERNSHIP EXPERIENCE

NTPC (KBUNL)

Summer Trainee

Muzaffarpur, Bihar

June – July 2024

- Gained hands-on experience in power system components including switchyards and substations.
- Understood high-voltage equipment functionality in a thermal power plant environment.

Student Placement Representative, EEE

March 2024 – Ongoing

- Acted as a liaison between students and companies to boost placement opportunities.
- Engaged with HR professionals and coordinated placement activities for the EEE department.

ACHIEVEMENTS

- **School Topper** and **Sub-District Topper** in 10th Board Exam 2018 (BSEB)
- Secured **AIR 54654** in JEE MAINS 2021 and **AIR 27827** in JEE ADVANCED 2021
- **Competitive Programming:** 4-star ratings on CodeChef and LeetCode; global ranks in contests