

SURAJ MAURYA

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EDUCATION

B.Tech in ECE, UIET, Kurukshetra University
Cumulative GPA: 7.40/10.0

Expected 2025

SKILLS

Technical Skills HTML/CSS , Javascript , React JS, Tailwind CSS ,Node JS ,Express JS , Mongo DB ,
Postman, Three JS , AWS
Developer Tools: VS Code, Git , GitHub
Language : JAVA , Javascript

EXPERIENCE

Software Developer Intern
TerraGrid Tech (TGT)

Mar 2025 – Present
Remote

- Built microservices for a POS Digital Receipts System using Node.js and Express.
- Implemented OAuth2-based auth, transaction ingestion with JSON schema validation, and PDF receipt generation with dynamic logos and formats.
- Developed QR code service for hosted receipts (static/dynamic with expiry).
- Set up API Gateway (Express Gateway) with rate limiting, schema validation, and versioned routing for secure and scalable access to microservices.

AI and Robotics Trainer
Nirman Lab

June 2024 – Aug 2024
Faridabad, Haryana

- Conducted hands-on AI and robotics training sessions for school students.
- Covered basics of machine learning and robotics through real-world applications.
- Enhanced students' practical understanding of STEM using interactive modules.

PROJECTS

Cikitsam - Medical Wearable Device Web App Built a real-time health monitoring system with heart rate, BPM, and RR interval analysis using React.js, Tailwind CSS, Firebase, and Python-based machine learning; implemented user authentication and live sensor data streaming. ([live link](#))

E-Commerce Clothing Site I implemented server-side rendering with EJS, developed secure authentication systems using bcrypt and JSON Web Token (JWT) for login, registration, and logout, and created middleware for session management, including the IsLoggedIn function. Additionally, I configured Mongoose for database connections, utilized development JSON, and integrated packages like flash and express-session for handling secret keys and session management.

SURAJ@WORLD The web app at ([Suraj@World](#)) is built using React.js, Tailwind CSS, and JavaScript, with a feature that utilizes a country API to display detailed information about various countries. The app provides an intuitive interface for users to explore country-specific data, offering a dynamic and interactive experience. ([Github link](#))

EXTRA-CURRICULAR ACTIVITIES

- Actively write posts and Uploads Projctcs in social media posts ([Twitter](#)) viewed by over 5 Million impression on my posts

CERTIFICATION

- Completed an 8-month Java Data Structures and Algorithms (DSA) certification course with Coding Ninjas, gaining in-depth knowledge and hands-on experience in solving complex programming problems using Java. Developed a strong foundation in DSA principles, algorithmic thinking, and optimized coding techniques.
- Certified in a 4-month Ethical Hacking training on Internshala, gaining skills in penetration testing, network security, and vulnerability assessment.