



SURAJ BHAN

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Github

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EDUCATION

Bachelor of Technology

National Institute of Technology (MNNIT), Allahabad

2021 – 2025

EXPERIENCE

Software Developer (Backend)

Jun 2025 – Present

TutorEdge, Prayagraj, India

- Developed and maintained scalable backend services supporting **10K+** users, built with **Node.js** and **Express.js**.
- Architected and implemented **RESTful APIs** for authentication, user management, and data handling.
- Integrated **MongoDB** to optimize query performance, reducing average response time by **30%**.
- Collaborated with a cross-functional team of **5+ developers** to deliver production-ready features on schedule.

Software Developer (Freelance)

Jan 2025 – May 2025

Fifth Avenue Technologies, Remote (Albany, NY, USA)

- Built and maintained **5+ backend microservices** using **FastAPI/Django**, improving system scalability.
- Optimized **PostgreSQL** queries and schema design, reducing API latency by **35%**.
- Automated CI/CD pipelines using **Docker** and **AWS (ECS, RDS, S3)**, cutting deployment time by **40%**.

Software Developer Intern (Summer Internship)

Jun 2024 – Jul 2024

Synaps Web

- Constructed REST APIs using **Django REST Framework**, handling **500+ requests per minute**.
- Improved **PostgreSQL** query performance by **40%** using indexing and query optimization.
- Deployed and managed applications on **AWS (EC2, S3, CloudFront)** with automated **CI/CD pipelines**.

PROJECTS

• Disease-Prediction-Web-Platform | [Github](#)

Python, Django, PostgreSQL, Machine Learning

Programmed a full-stack machine learning-based disease prediction system.

Jan 2023 – Apr 2023

- Machine Learning Models: Developed a machine learning-based web platform achieving **85% prediction accuracy** across **5+ disease categories**.
- Web Development: Configured responsive web UI using Django Bootstrap with **30% improvement** in user engagement.
- Supports real-time diagnosis and medical recommendations.

• EasyAlgo Dynamic Website | [Github](#)

CSS, HTML, Django, PostgreSQL, JavaScript, Python

Engineered an interactive learning platform improving student engagement by **35%**.

May 2023 – Jun 2023

- Team Leadership: Coordinated content creation, design, and user feedback integration, maintaining team motivation and smooth collaboration.
- Project Planning & Execution: Monitored progress with Excel sheets and ensured timely completion of interactive tutorials and quizzes.
- User Engagement: Migrated features like like/dislike and comments, increasing interaction to **150+ comments per week**.

• Codelura | [Personal Portfolio \(MERN Stack\)](#)

MERN Stack (MongoDB, Express.js, React.js, Node.js)

Portfolio Website with Admin Panel

Aug 2023 – Nov 2023

- Delivered a personal portfolio website with an admin panel using the **MERN stack**.

- Implemented real-time management of projects and testimonials, resulting in multiple freelance inquiries.

TECHNICAL SKILLS

- Languages: Java, C++, JavaScript, SQL, HTML, CSS.
- Frameworks & Libraries: React.js, Node.js, Express.js, Django, Bootstrap, REST APIs.
- Tools & Platforms: Git, GitHub, VS Code, Linux CLI, Docker, AWS (EC2, S3, RDS), PowerPoint.
- Databases: MySQL, PostgreSQL, MongoDB.
- Core Concepts: Data Structures & Algorithms, Backend Development, API Development, **System Design Basics (LLD)**, OOPs, DBMS, OS, CN.
- Professional Skills: Analytical reasoning, effective technical communication, collaborative development, and precision in implementation.

ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Main Coordinator, CyberSec Club, MNNIT Allahabad — Organized CTF competitions and cybersecurity workshops.
- CTF Event Coordinator, Abhiskar (MNNIT Annual Tech Fest) — Led and organized competitive hacking challenges.
- Hack36 (Inter-Collegiate Hackathon), Secured **7th rank** among **400+ teams** in a 36-hour national hackathon.
- Naukri Campus Young Turks, Selected among **6.5L+ participants** nationwide.
- Speaker at Josh Talks, Delivered a tech talk on software development journey achieving **2K+ views in 1 day**.

CODING PROFILE

- GeeksforGeeks: 650+ problems solved | max rating **2000+** | **5***
- LeetCode: 400+ problems Solved | max rating **1750+**.
- Codeforces: 300+ problems solved, Rating: **1250**.