



## EDUCATION

### Bachelor of Technology

2021 – 2025

National Institute of Technology (MNNIT), Allahabad

## 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 (EC2, RDS, S3)**, cutting deployment time by **40%**.

### Software Developer Intern (Summer Internship)

Jun 2024 – Jul 2024

SynapsWeb

- 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**.