

# Niyati Gupta

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## EDUCATION

### National Institute of Technology, Srinagar

Bachelors of Technology, Computer Science

CGPA: 8.13

2020 – 2024

### Jodhamal Public School, Jammu

Higher Secondary Education, CBSE

95%

2019 - 2020

## EXPERIENCE

### UrbanMatch Tech Pvt Ltd

Software Developer - Backend

August 2024 – February 2025

Hyderabad, India

- **Owned** end-to-end development of key **RESTful API services** supporting a matchmaking platform with **10,000+ active users**, improving system response time by **35%** and enhancing platform scalability using **Python-Django**, **PostgreSQL**.
- **Refactored** and optimized high-load database queries and backend logic, reducing query execution latency by **55%**, resulting in a significantly smoother user experience.
- Collaborated **cross-functionally** with frontend engineers and product managers to deliver reliable, **production-grade** features; contributed to achieving **99.9% uptime** and seamless user onboarding.
- **Designed** and implemented a **personalized recommendation engine** using weighted scoring algorithms, leading to a **20% increase** in successful matches and a **15% boost** in user engagement over a **3-month** period.
- Demonstrated **ownership** in sprint planning and backend **code reviews**; ensured code quality, adherence to software engineering best practices, and actively mentored interns and junior developers. Oversaw manual deployment workflows to **AWS EC2** servers, ensuring smooth and reliable production releases.

### Indian Institute Of Technology, Patna

Fullstack Developer Intern

Remote

December 2022 - February 2023

- Revamped frontend architecture using **React.js** with dynamic routing and reusable components, resulting in a **30%** improvement in user navigation speed and interface responsiveness.
- Built and integrated scalable **RESTful APIs** using **Node.js** and **Express.js**, enabling efficient communication with **MongoDB** and ensuring real-time data consistency across the application.

## SKILLS

Languages	C++, Python, JavaScript, SQL
Backend	Node.js, Express.js, Django, FastAPI, Microservices
Frontend	React.js, Redux, HTML, CSS
Databases	PostgreSQL, MongoDB, MySQL, Firebase
Cloud & DevOps	AWS (EC2, S3), Docker, Git, CI/CD, Agile
Tools & APIs	Express.js, REST, JWT, Apache Solr, OAuth2, Postman
Coursework	Data Structures & Algorithms, Object-oriented Programming, Operating Systems, Database Management, Networks

## PROJECTS

### Mess Complaint Portal - React, Node.js, Express.js, MongoDB, Redux, Nodemailer - [Live Link](#)

- Developed a **secure student portal** with **role-based** authentication and **two-factor** verification for **500+** hostel users, automating **complaint** and **leave management** using **RESTful APIs**, reducing issue resolution time by **70%** (from **72** to **2** hours), and built an automated billing system with **99%** data accuracy for **1,000+** accounts.

### NestNexus - React, Node.js, Express.js, MongoDB, Redux - [Live Link](#)

- Built a **property management** platform with **JWT & OAuth** for secure authentication, enhancing **CRUD** efficiency by 50% and improving property discovery with advanced **search algorithms** and filters.

### Tweeter - MERN Stack, Cloudinary, React Query - [Live Link](#)

- Created a **Twitter-inspired** social media platform (X) with secure user authentication using **JWT**, optimized data fetching via **React Query**, and integrated **Cloudinary** for image uploads and **real-time notifications**, demonstrating full-stack expertise and cloud-based scalability.