Niyati Gupta

 Github   LinkedIn   Email

EDUCATION

- **National Institute of Technology, Srinagar** (2020 – 2024)
  Bachelors of Technology in Computer Science
  CGPA: 8.13/10

- **Jodhamal Public School, Jammu**
  CBSE, Class 10: 96% (2018)
  CBSE, Class 12: 95% (2020)

EXPERIENCE

UrbanMatch | *Software Developer* — Aug'24-Present
- Engineered and optimized scalable backend systems using **Python-Django** and **PostgreSQL** for revamping the second version of the app, developing robust APIs for matchmaking events and user interactions to enhance app performance and reliability.
- Managed **AWS infrastructure** (EC2, S3) to ensure secure file storage, scalable compute resources, and high availability, while leading seamless deployments to **development** and **production** environments achieving **99.9% uptime**.
- Revamped user experience and engagement by **31%** through the integration of real-time chat, subscription notifications, and enhanced search functionality with **Solr**, significantly improving platform efficiency and user satisfaction.

SKILLS

Programming Languages: C/C++, Python, JavaScript (Client & Server-side), SQL, HTML5, CSS3, TailwindCSS
Frameworks and Libraries: Next.js, React.js, Node.js, Express.js, Redux, Framer Motion, DjangoRest, FastAPI,
Tools and Technologies: AWS, RESTful APIs, MongoDB, Git CI/CD, Automated Testing
Machine Learning: Supervised/Unsupervised Learning, Scikit-learn, Pandas, NumPy, Matplotlib, Pytorch
CourseWork: Data Structures & Algorithms, Operating System, Object-Oriented Programming, Networks

PROJECTS

Mess Complaint Portal | *React, Node.js, Express.js, MongoDB, Redux, Nodemailer* — Link
- Architected a comprehensive student portal using **role-based authentication**, implementing **two-factor verification** and secure middleware for student registration and administrative approval workflows.
- Designed and developed **RESTful APIs** for **complaint management** and **leave request system**, featuring real-time status tracking and automated notifications to streamline administrative operations.
- Implemented **automated billing system** with **data validation** and **reporting modules**, focusing on data integrity and efficient record management for student accounts.

NestNexus | *React, Node.js, Express.js, MongoDB, Redux* — Link
- **Enhanced security** by implementing advanced authentication mechanisms using **JWT, Firebase, and Google OAuth**, ensuring robust protection and user trust.
- **Optimized data management** through efficient CRUD operations for property listings, integrated intuitive functionalities like **image uploads**, and developed comprehensive property management tools.
- **Improved user experience** by deploying advanced **search functionality** with cutting-edge algorithms and filters, enabling seamless property discovery and high user engagement.

Tweeter | *React, Node.js, Express.js, MongoDB, Cloudinary, React Query* — Link
- **Developed and deployed a Twitter-inspired social media application (X)**, showcasing proficiency in full-stack web development.
- Implemented **robust user authentication** with JSON Web Tokens (JWT) and utilized React Query for efficient data fetching and caching, enhancing application security and performance.
- **Integrated Cloudinary** for image uploads and real-time notifications, augmenting content sharing and user engagement, while ensuring seamless application integration.