

# NEERAJ GUPTA

Undergraduate at Indian Institute of Information Technology, Allahabad.

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## WORK EXPERIENCE

### Associate Software Engineer, o9 Solutions

Jan 2024 - Present

Bengaluru, INDIA

- Developed a migration plugin from Config Intel to CCM, streamlined cloud configuration management that enhanced operational efficiency and performance.
- Built a Query Performance Analyzer tool to analyze different time breakups, optimize database queries, improving execution times, resource utilization, infra utilization.
- Worked on DCM to DBCP interaction for enhanced dataset management capabilities.
- Developed a Codetune plugin for scanning IBPL queries with ANTLR grammar, classifying issues with 98% accuracy, and regenerating queries using LLMs. Reduced resolution time by 30%.
- Built a Config Diff tool integrated into the o9 Platform, handling millions of records that improved data management by 96%.

### Web Development Intern, Threat Prism

April 2021 - Aug 2021

Remote

- Developed a Python Code-Reviewer-Agent using cProfile to profile scripts, providing function-level time breakdowns and highlighting performance bottlenecks to the developers.
- Enhanced database efficiency by normalizing, reducing redundancy, and boosting overall system performance through code review, refactoring, and debugging.

## EDUCATION

### Bachelor of Technology

#### Indian Institute Of Information Technology Allahabad

December 2020 - 2024

Prayagraj, INDIA

- CGPA: 8.23

### Class 12th, Class 10th

#### Kendriya Vidyalaya Air Force Station Bareilly

2019, 2017

Bareilly, INDIA

- Percentage: 91.6 (Class 12th)
- Percentage: 95.0 (Class 10th)

## CODING PROFILE

- LeetCode(Profile Link): Knight (1200+ Problem)
- Codeforces(Profile Link): Expert (350+ Problem)
- Codechef (Profile Link): 5 Star (180+ Problems)
- InterviewBit (Profile Link): Practiced 230+ Problems
- GeeksforGeeks (Profile Link): Practiced 400+ Problems

## PERSONAL PROJECTS

### College-In-House-Mailing-System

[Live Link](#)

- A secure in-house mailing system with full CRUD API (GET, POST, PUT, DELETE) for a college, featuring email composition, inbox management, and search and presented scalability and integration plans to stakeholders, including students, faculty, and staff.
- React JS, Material UI, Express JS, Node JS, Mongo DB.

### NodeSphere-Social-Backend

[Github Link](#)

- A NodeJS backend with secure JWT authentication and MongoDB storage, implementing CRUD operations and API development for profiles, posts, comments, and error handling, including user management functions for register, update, delete, and post operations.
- NodeJS, MongoDB, Express ,JWT, Javascript, RESTful.

### Quiz-React-App

[Live Link](#)

- Created a React JS quiz app using Firebase for database management, implementing features for adding/deleting questions and taking quizzes, allowing users to create and edit questions while receiving instant feedback.
- Technologies: React JS, Firebase.

### Technical Skills

Python	C/C++	JavaScript	Java	React	Next
Node	Express	Angular	System Design	REST APIs	
CI/CD	MongoDB	SQL	OOP	Computer Networks	

## ACHIEVEMENTS

- Microsoft Technological Associate (MTA): Introduction to Programming Using HTML and CSS - Certified 2021
- Google Developer Students Club (GDSC) IIITA: Certification of Completion in Android Basics in Kotlin
- CodeChef SnackDown 2021: Qualified
- Qualified and secured Google KickStart (Best Rank - 1020), Google CodeJam, Google HashCode
- Qualified Regional Mathematics Olympiad (2nd Stage) of International Mathematics Olympiad team formation at IISc and BARC for the KVS state
- Cracked National Defence Academy (NDA) - conducted by The Union Public Service Commission (UPSC) and recommended from Services Selection Board (SSB)
- Got an offer from Nanyang Technological University(NTU), Singapore) - for pursuing program on Artificial Intelligence based on ML profile.