

Nishant Prajapati

Lucknow, Uttar Pradesh 226022, India

beingnishant7@gmail.com | 9120101319 | [linkedin.com/in/nishant-prajapati-0907](https://www.linkedin.com/in/nishant-prajapati-0907) | [nishantwestside.github.io](https://github.com/nishantwestside)

EDUCATION

Indian Institute of Information Technology (IIIT) Allahabad

Master of Technology, Information Technology

Prayagraj, UP

Expected Graduation: July 2026

Dr. APJ Abdul Kalam Technical University - CGPA: 8.56 with Distinction

Bachelor of Technology, Computer Science & Engineering

Lucknow, UP

Graduation: July 2023

EXPERIENCE / INTERNSHIPS

• Teaching Assistant

Aug 2024 – Present

Operating System

Prayagraj - UP

- Craft engaging quizzes and challenging tests to probe deeper into students' comprehension of complex OS concepts.
- Meticulously evaluate and annotate students' submissions, providing constructive insights for their academic growth.
- Collaborate closely with the professor to design innovative course materials that resonate with diverse learning styles.

• Expert Right

Apr 2023 – July 2023

Analyst Intern

Remote

- Worked in developing business plans, financial models, and investment proposals to support decision-making processes.
- Contributed to the development of a customer relationship management (CRM) system

PROJECTS

• PathCrafter: Evolutionary Multi-Objective Navigation Engine*

*Ongoing

- Engineered an advanced multi-objective path planning system using an Improved NSGA-II algorithm, optimizing for path length, smoothness, and obstacle avoidance in grid-based environments.
- Integrated OpenCV-powered visualizations to dynamically render evolving paths, showcasing real-time genetic evolution and Pareto-optimal solutions.

• Debugged Diaries [\[Link\]](#)

- Debugged Diaries is an intuitive blogging platform where users can add, edit, share, and filter blogs.
- The project is built with a modern tech stack (**MERN**) and provides a seamless user experience.

SKILLS & CERTIFICATIONS

Languages: C, C++, Python

Technology Stack: MERN

Programming Skills: Data Structures & Algorithms, Object Oriented Programming

Version Control: Git

Soft Skills: Communication, Interpersonal, Collaborative

Certifications: C for Everyone – Coursera • ‘O’ Level – NIELIT • Crash Course on Python – Coursera • Java Programming: Solving Problems with Software – Coursera • Problem Solving (Basic) – HackerRank • Python Programming (Basic) – HackerRank • Microsoft Azure – Fundamentals (AZ 900) • Java (Basic) – HackerRank • Introduction to Structured Query Language (SQL) – Coursera

ACHIEVEMENTS & EXTRA CURRICULAR

- Co-authored a research paper on "God's Eye: An Assistive Device for the Blind" in the **Springer Research Journal**
- Delivered a presentation on "God's Eye: An Assistive Device for the Blind" at **NIELIT's International Conference on Communication, Electronics, and Digital Technologies (NICE-DT)** held in New Delhi.
- Secured **404 Rank** in Codeforces Round 1017 (Div. 4).

PROFILES

- [GitHub](#)
- [Codeforces](#)
- [CodeChef](#)