

# Abhijeet Mishra

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## EDUCATION

### Raj Kumar Goel Institute of Technology

Bachelor of Technology in Computer Science; GPA: 71 Percent

Ghaziabad, India

Sep 2022 – Jul 2026

## EXPERIENCE

### System & Software Security Intern

NIELIT, Government of India(MEITY)

5th Jan 2026 – Present

Onsite

- Deployed and analyzed Cowrie Honeytrap to study attacker behavior and intrusion patterns.
- Currently working with Snort IDS for real-time traffic analysis and rule-based intrusion detection.
- Actively using Nmap for network scanning, host discovery, and service enumeration.

### Python Developer Intern

Coding Samurai

Jun 2025

Remote

- Developed and optimized Python scripts to automate data processing workflows, reducing manual processing time by 40%
- Collaborated with cross-functional teams to implement core Python functionalities aligned with project requirements
- Conducted code reviews and debugging sessions to ensure code quality and adherence to best practices
- Contributed to technical documentation and created user guides for developed modules

### Visual Designer Intern

InAmigos Foundation (IAF)

Aug 2025

Remote

- Designed 15+ visual assets including graphics, social media content, and marketing materials for NGO campaigns
- Utilized design tools and principles to create user-centric visual solutions that improved engagement by 25%
- Collaborated with stakeholders to translate brand vision into compelling visual narratives
- Maintained design consistency across multiple platforms and ensured brand guideline compliance

## TECHNICAL SKILLS

**Languages:** Python, SQL, JavaScript, HTML/CSS, C

**Data & Analytics:** Power BI (Microsoft Certified), Excel, Data Visualization

**Tools & Technologies:** Cowrie Honeytrap,Snort Intrusion Detection System (IDS),Nmap (Network Scanning & Enumeration),Network Security & Traffic Analysis,Linux (Kali Linux),TCP/IP, Ports & Protocols

**Design:** Figma, Canva, UI/UX Principles, Web Design

**Core Competencies:** Data Analysis, Problem Solving, Git, cursor.ai

## PROJECTS

### Weather App | Python, REST API

2025

- Developed a weather application integrating external APIs to fetch and display real-time weather data
- Implemented error handling and data parsing for robust API response management

### To-Do CLI App | Python, File I/O

2025

- Created a command-line task manager with file-based persistence for data storage
- Implemented CRUD operations and user-friendly CLI interface for task management

### Portfolio Website | HTML, CSS, JavaScript

2024

- Designed and developed a responsive personal portfolio showcasing projects and technical expertise
- Optimized website performance achieving 95+ Google Lighthouse score across all metrics

### Library Management System | Python, MySQL

2025

- Developed a full-stack CRUD application with integrated MySQL backend for managing library operations
- Implemented database schema design with normalized tables for books, users, and transaction management
- Created efficient SQL queries and stored procedures to optimize database performance

### Lyrics Extractor | Python, Web Scraping, NLP

2025

- Built a web scraping tool to extract song lyrics while handling anti-scraping mechanisms and CAPTCHA
- Implemented text preprocessing and cleaning algorithms to handle noisy data and improve accuracy
- Applied NLP techniques for text normalization and data validation

## CERTIFICATIONS

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**Microsoft Certified Power BI Data Analyst Associate** – Microsoft (2025)

**Python for Data Science** – Coursera/Google (2024)

**Crash Course on Python** – Google (2024)

**Data Analytics Job Simulation** – Deloitte Forage (2024)

**Web Design & Development** – Skill India Hub (2024)

## ACHIEVEMENTS & ACTIVITIES

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**TATA Crucible Campus Quiz 2025** – Certificate of Participation

**HackerRank Python Certification** – Demonstrated proficiency in Python programming

**IEEE NGISE** – Poster Designed and Presented at AKGEC Ghaziabad

**Poster Designing** – Poster Designed for Departmental Events