

Manvi Panjwani

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EDUCATION

Master of Science in Computer Science (STEM)

Clark University; Worcester, MA.

Expected Graduation: December 2025

Bachelor of Technology in Computer Science

Amity University; Noida, India.

May 2022

RELEVANT SKILLS

Programming Languages: Python, Java, C/C++, SQL, HTML & CSS, MATLAB, Apache, R language, Django, Javascript

Cloud & DevOps: Kubernetes, Cloud, Gradle, Git, Linux, Docker, bash, JVM, Scala

Networking: Cisco Packet Tracer

Software's: Microsoft Office, AWS, Tableau, PostgreSQL, MySQL, Postman, Oracle, Snowflake, Salesforce, Airbyte, Jira

Certifications: Cisco Certified Network Associate (CCNA) Routing and Switching — Cisco (2020), Certified by The Australian Embassy and The UN for Campus Ambassador at IMUN (October 2020), Data Analytics Consulting Virtual Internship - KPMG Forage (May2021), Python for Data Science and Machine Learning— IBM Certified Developer (2021).

EXPERIENCE

Nokia; Bengaluru; India

July 2022-January 2024

Associate Software Engineer

- Managed Nokia's NSP across diverse network environments by leveraging NSP NFM-P for node discovery, configuration, and management, improved operational efficiency and reduced network downtime.
- Optimized cellular/router domains within Nokia's NSP by executing tasks like node management and security association, improvement in management speed and network performance by 20%.
- Maintained network security and operational integrity by developing and implementing protocols within the NSP to detect potential security violations, enhancing network security and reducing vulnerabilities by 30%.
- Collaborated closely with cross-functional teams, including network engineers, security specialists, and project managers, to streamline NSP operations and ensure seamless coordination in delivering high-quality network solutions working in an Agile manner.

Graduate Engineer Trainee Intern

March 2022-June 2022

- Performed in-depth research and analysis about NSP, enhanced the product offerings with understanding of object-oriented programming and increased market competitiveness.
- Documented weekly meeting notes and action items, improving project communication and coordination.
- Delivered comprehensive NSP concepts, securing stakeholder approval and facilitating implementation.

Technocolabs Software; Indore; India

March 2021-April 2021

Data Science Project Lead Intern

- Led a cross-functional team of 12 members in a data science project utilizing multiple machine learning techniques, resulting in a comprehensive analysis that drove project success.
- Managed project timelines and coordinated tasks among team members, ensuring the timely delivery of key milestones and improving overall team efficiency.
- Presented findings and progress reports to stakeholders, effectively communicating technical results and demonstrating the project's significant impact with knowledge of data structures & algorithmic complexity.

RELATED PROJECTS

AI-Powered Cloud Security System

2025

- Developed an AI-driven security solution to optimize containerized applications and detect threats in cloud environments.

AI/ML-Based Ingredient Classification for Health Impact

2025

- Created a barcode-scanning web/mobile app to instantly assess food and personal care product health impacts.

Image Sharing Website

2024

- Designed and developed a Python-based frontend application to share images seamlessly over a local network, providing a simple and efficient solution for collaborative work environments.

Trading of Cryptocurrency based on Twitter Sentiment Analysis

2021

- Conducted sentiment analysis on Twitter data to inform cryptocurrency trading strategies integrating natural language processing (NLP) with financial data to predict market trends and guide investment decisions.