Manvi Panjwani

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EDUCATION

Master of Science in Computer Science (STEM)   Expected Graduation: December 2025
Clark University; Worcester, MA.

Bachelor of Technology in Computer Science   May 2022
Amity University; Noida, India.

RELEVANT SKILLS

Programming Languages: Python, Java, C/C++, SQL, HTML & CSS, React, Go, R, NextJS, TypeScript, Javascript, React Native, C#
Cloud & DevOps: Kubernetes, Cloud, Gradle, Git, Linux, Docker, bash, JVM, Scala, Ansible, Redis, Unix
Networking: Cisco Packet Tracer
Software's: Figma, AWS, Tableau, PostgreSQL, MySQL, Postman, Oracle, Snowflake, Salesforce, Airbyte, Jira, Apache, Spark

Certifications: AWS Certified Developer-Associate (May,2025), AWS Certified AI Practitioner(May,2025), 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

GlaxoSmithKline; Cambridge, MA; US   May 2025-August 2025
Governance Engineer Intern
- Completed comprehensive onboarding and began implementing policy-as-code scripts using Open Policy Agent(open Source) within the Onyx framework ahead of schedule, enhancing compliance automation and reducing manual policy enforcement through consistent, scalable solutions.
- Designed and implemented Rego policies for real-time governance use cases while collaborating on GitHub repositories, CI pipelines, and low-code Terraform deployment strategies to streamline integration and onboarding.
- Analyzed CGS API data and existing policies to select, refine, and submit complete end-to-end policy examples for review, accelerating the policy lifecycle and enabling broader team adoption for operational improvements.

Nokia; Bengaluru; India   July 2022-January 2024
Associate Software Engineer
- Managed Nokia's large scale distributed system (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, network performance and automated unit testing.
- 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 in cloud infrastructure.

Technocolabs Software; Indore; India   March 2021-April 2021
Data Science Project Lead Intern
- Led a cross-functional team of 12 in a data science project applying machine learning techniques, managing timelines and task coordination to ensure timely delivery of key milestones. Helping grow my problem solving and communication skills.
- Presented technical findings and progress reports to stakeholders, demonstrating impact through effective communication and deep knowledge of data structures and algorithmic complexity end-to-end.

RELATED PROJECTS

- **AI-Powered Cloud Security System-**Developed an AI-driven security solution to optimize containerized applications and detect threats in cloud environments.
- **AI/ML-Based Ingredient Classification for Health Impact-** Created a barcode-scanning web/mobile app to instantly assess food and personal care product health impacts.