NAVEEN JOY

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PROFFESIONAL SUMMARY

Aspiring to leverage my expertise in Python development, DevOps, Machine Learning, Generative AI,Networking and System Administration to contribute to innovative and scalable solutions. I aim to work in a dynamic environment that fosters creativity and technological advancement, where I can apply my skills and techniques to optimize processes, enhance system reliability, and develop cutting-edge AI-driven applications. My goal is to continually grow as a professional by embracing challenges and driving impactful results for the organization.

EDUCATION

B.E in Information Science, Visvesaraya Technological University   2021-2025
Current CGPA: 9.15

Pre-University Education, Jnanodaya Bethany PUC   2019 - 2021
Percentile : 96

Higher Secondary Education, Jnanodaya Bethany EHS   2017 - 2019
Percentile : 96.96

SKILLS

Technical Skills	Python, DevOps, Generative AI, System Administration, Web Development
Soft Skills	Leadership, Confidence, Communication, Time Management

EXPERIENCE

Data Science Intern   Feb 2025 - Present
CIODS (Centre for Integrative Omics Data Science)   *Mangauru, India*

- Designing and optimizing data-driven solutions using AI frameworks to enhance model accuracy and efficiency.
- Gaining hands-on experience in developing and fine-tuning Large Language Models (LLMs) and implementing Machine Learning (ML) algorithms for data analysis and automation.

Research Intern   Sep 2024 - Dec 2024
National Skill Development Corporation   *New Delhi, India*

- Successfully designed and implemented CI/CD pipelines using Jenkins and Maven, ensuring efficient and error-free application build, test, and deployment processes.
- Managed and optimized Linux and Ubuntu-based systems, performing routine maintenance, security updates, and troubleshooting to ensure high availability and reliability of infrastructure.

Trainee Information Security Engineer   Oct 2023 - Nov 2024
AiRobosoft Products and Services LLP   *Bangalore, India*

- Developed Python-based sales prediction models through collaboration using Regression Techniques.
- Demonstrated strong Python programming skills and data analysis capabilities in a team-oriented environment.

Student Intern   May 2022 - Jun 2022
Genesys Training   *Bangalore, India*

- Experience in Android app development, leveraging problem-solving skills to create user-centric solutions.
- Developed versatile real-time Android applications using Android Studio, collaborating to solve complex problems.

Generative AI Intern Sep 2024 - Oct 2024

Prodigy InfoTech *Remote*

- Designed and trained Generative AI models, such as GANs and Transformer-based architectures, to create innovative solutions in content generation, including text and image ynthesis.
- Improved the efficiency and accuracy of Generative AI pipelines by fine-tuning hyperparameters and integrating state-of-the-art frameworks like Diffusers and TensorFlow.

PROJECTS

Animal and Bird Intrusion Detection System Jan 2025

- Developed a Animal and Bird Intrusion Detection System, using sound and vision to automatically identify and deter farm intrusions while supporting adaptive dataset expansion using machine learning techniques.

Enterprise Network Monitor Jan 2025

- Developed a project that involves real-time tracking, analysis, and alerting of network performance, traffic, and security to ensure optimal functionality and threat detection.

Voice to Screenplay Creator Sep 2024

- Developed a tool that converts spoken language into screenplay format, utilizing natural language processing (NLP) to generate dialogue, character descriptions, and scene formatting from audio input.

Neural Transfer of Images using LLMs Oct 2024

- Developed a system that applies neural style transfer techniques using LLMs to transform and blend images with artistic styles, enhancing image creativity and generating visual outputs.

Automated CI/CD Pipeline Implementation with Jenkins, Maven and Linux Nov 2024

- Implemented automated CI/CD pipelines using Jenkins and Maven on Linux systems, streamlining the build, test, and deployment processes to ensure faster and reliable application delivery.

EXTRA-CURRICULAR ACTIVITIES

- **DP-900: Microsoft Azure Data Fundamentals:** I earned the DP-900 certification in Microsoft Azure Data Fundamentals, demonstrating my understanding of core data concepts and services within the Azure ecosystem.

- **Python Certification from Hacker Rank:** I obtained a Python certification from Hacker Rank, demonstrating my proficiency in Python programming and problem-solving skills.

- **Review Paper on Deep Learning:** I was a Co-Author and presented a review paper on Deep Learning at the International Conference on Frontiers of Engineering Science and Technology – 2024.

- **Microsoft Learn Challenge:Ignite Edition: Secure your Data in the Age of AI:** Participated in the Ignite Edition Challenge by MICROSOFT focused on securing data in the age of AI, enhancing my knowledge in data protection and AI integration.

- **Participation in CODEMEET:** I secured a spot in the top 20 teams in a 24-hour Hackathon in October 2024, where I gained exposure on technical aspects and collaborative problem-solving.

- **Coordinator of Inter-Branch Tech Fest:ENCRYPTIX** I coordinated an Inter-Branch Technical Fest held in August 2023, managing and ensuring the smooth execution of events.

- **President of Rotaract Club:** I served as the President of the Rotaract Club from August 2023 to September 2024, leading initiatives such as old-age home visits, cloth donations, and book donations under my leadership.

LANGUAGES KNOWN

English: Full Proficiency (R/W/S)	**Kannada:** Full Proficiency (R/W/S)
Malayalam: Native (R/W/S)	**Hindi:** Intermediate (R/W)