

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 Expected 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

WORK EXPERIENCE

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 synthesis.
- 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 SystemJan 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 MonitorJan 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 CreatorSep 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 LLMsOct 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 LinuxNov 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.
- Fundamentals of Generative AI from Databricks:**I completed the Fundamentals of Generative AI course from Databricks, where I explored the principles and techniques behind generative AI models and their applications.
- 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)

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief. I understand that any discrepancy found may lead to disqualification of my candidature.