

# NAVEEN JOY

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## PROFESSIONAL SUMMARY

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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

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**B.E in Information Science**, Visvesaraya Technological University 2021-2025  
CGPA: 9.24

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

**Secondary Education**, Jnanodaya Bethany EHS 2019  
Percentile : 96.96

## SKILLS

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<b>Technical Skills</b>	Python, AI/ML, DevOps, Generative AI, System Administration, Web Development
<b>Soft Skills</b>	Leadership, Confidence, Communication, Time Management

## EXPERIENCE

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**Data Science Trainee** Feb 2025 - May 2025  
*CIODS (Centre for Integrative Omics Data Science)* Mangaluru, India

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

**DevOps Intern** Sep 2024 - Dec 2024  
National Skill Development Corporation Remote

- 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 Remote

- 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.

PROJECTS

Animal and Bird Intrusion Detection System	Jan 2025
<ul style="list-style-type: none"><li>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.</li></ul>	
Kinase-Based Disorder Prediction System	Mar 2025
<ul style="list-style-type: none"><li>Built a disorder prediction model using LSTM networks in <code>tensorflow.keras</code> to classify kinase mutations. Handled data preprocessing with Pandas/NumPy and visualized biomedical insights using Matplotlib and Seaborn.</li></ul>	
Enterprise Network Monitor	Jan 2025
<ul style="list-style-type: none"><li>Developed a project that involves real-time tracking, analysis, and alerting of network performance, traffic, and security to ensure optimal functionality and threat detection.</li></ul>	
Voice to Screenplay Creator	Sep 2024
<ul style="list-style-type: none"><li>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.</li></ul>	
Neural Transfer of Images using LLMs	Oct 2024
<ul style="list-style-type: none"><li>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.</li></ul>	
Stealth USB Vault: Dual Partition with AES Lockdown	Apr 2025
<ul style="list-style-type: none"><li>Engineered a dual-partition USB storage system combining an open-access section with a concealed, AES-encrypted vault using custom Python scripts. Integrated stealth mechanisms for covert data protection on Windows systems, ensuring military-grade security and user-triggered vault access protocols.</li></ul>	
Automated CI/CD Pipeline Implementation with Jenkins, Maven and Linux	Nov 2024
<ul style="list-style-type: none"><li>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.</li></ul>	

EXTRA-CURRICULAR ACTIVITIES

<ul style="list-style-type: none"><li><b>DP-900: Microsoft Azure Data Fundamentals:</b> I earned the DP-900 certification in Microsoft Azure Data Fundamentals, demonstrating my understanding of core data concepts and services within the Azure ecosystem.</li><li><b>Review Paper on Deep Learning:</b> 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.</li><li><b>Microsoft Learn Challenge:Ignite Edition: Secure your Data in the Age of AI:</b> 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.</li><li><b>Participation in CODEMEET:</b> 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.</li><li><b>Coordinator of Inter-Branch Tech Fest:ENCRYPTIX</b> I coordinated an Inter-Branch Technical Fest held in August 2023, managing and ensuring the smooth execution of events.</li><li><b>President of Rotaract Club:</b> 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.</li></ul>	
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LANGUAGES KNOWN

<b>English:</b> Full Proficiency (R/W/S)	<b>Kannada:</b> Full Proficiency (R/W/S)
<b>Malayalam:</b> Native (R/W/S)	<b>Hindi:</b> Intermediate (R/W/W)