# JENNY JOSEPH K

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## EDUCATION

**Lovely Professional University**                                      January 2023 – December 2025
Master of Computer Applications (MCA), Computer Science

**Acharya**                                                            January 2020 – December 2023
Bachelor of Computer Applications, Computer Science

**Kendriya Vidhyalaya Rail Wheel Factory**                               June 2017 – March 2019
12th, PCMC

## TECHNICAL SKILLS

**Core Engineering:** Version control Git, CICD basics, container concepts, cloud fundamentals, automation concepts
**Programming:** Python, Java, HTML, CSS, JavaScript, TypeScript
**Frameworks and Tools:** React, Nextjs, Flask, MySQL, REST APIs
**Specializations:** Machine learning, deep learning, data analytics, business intelligence, ethical hacking

## EXPERIENCE

**Hewlett Packard Enterprise** – Software Engineer                                November 2025
Completed HPE Software Engineering Job Simulation via Forage, gaining hands-on experience in enterprise software development practices and engineering workflows.

**JP Morgan Chase and Co** – Software Engineer                                    October 2025
Completed JP Morgan Software Engineering Job Simulation via Forage, focusing on financial technology solutions and software development best practices.

**MSsquare Technologies, Vishakhapatnam** – Business Growth Analyst    November 2024 – January 2025
Analyzed business metrics and growth opportunities, providing data-driven insights to support strategic decision-making and operational improvements.

**Corizo, India** – Intern                                            February 2024 – March 2024
Gained practical experience in technology implementation and software development processes.

## PROJECTS

**MindWell** – AI Mental Health Companion                                           April 2025

- Built AI-powered mental health platform for college students using React and Flask with emotion detection across 11 categories
- Implemented crisis-aware system with real-time self-harm detection and India-specific helpline integration
- Developed modular architecture for story flow, emotion interpretation, safety checks, and analytics across web and mobile

**Friends Cafe** – Online Ordering System                                          April 2025

- Developed full-stack e-commerce platform using Next.js, TypeScript, and MySQL with real-time inventory tracking
- Built authentication system with OTP flow and admin dashboard for menu updates, order management, and analytics
- Implemented REST APIs, optimized database queries, and reusable component architecture for scalability

**Forage Midas Project**                                                          October 2025

- Applied data analytics to real-world business problems through data cleaning, exploratory analysis, and dashboard creation
- Delivered actionable insights and strategic recommendations in professional format

**Portfolio**                                                                     August 2025

- A personal portfolio website showcasing my projects, skills, and experiences. Built using modern web technologies and designed to highlight my abilities in both frontend and backend development.

## CERTIFICATIONS

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|---|---|
| AWS Solutions Architecture Job Simulation Forage | 2025 |
| Accenture UK Developer and Technology Job Simulation Forage | 2025 |
| Citi Technology Software Development Job Simulation Forage | 2025 |
| Hewlett Packard Enterprise Software Engineering Job Simulation Forage | 2025 |
| JP Morgan Software Engineering Job Simulation Forage | 2025 |
| Deloitte Australia Data Analytics Job Simulation Forage | 2025 |
| Artificial Intelligence Analyst Lovely Professional University | 2025 |
| Accelerating Deep Learning with GPUs Lovely Professional University | 2025 |
| Big Data Architecture Lovely Professional University | 2025 |
| Business Intelligence Lovely Professional University | 2025 |
| Data Science 101 Lovely Professional University | 2025 |
| Data Visualization with Python Lovely Professional University | 2025 |
| Machine Learning with Python Lovely Professional University | 2025 |
| Complete Ethical Hacking Bootcamp Zero to Mastery Udemy | 2021 |

## LEADERSHIP & VOLUNTEERING

**Acharya** – Arts and Culture Volunteer                                   October 2022 – June 2023

Organized and coordinated cultural events, demonstrating teamwork and leadership in community engagement.