

Varsha JJ

✉ varshajj2000@gmail.com | ☎ +91 7025513515

🔗 github.com/varshajj | 🌐 [linkedin.com/in/varshajj](https://www.linkedin.com/in/varshajj)

Career Objective

To grow with my institution by contributing meaningfully to its academic and research excellence. I strive to give my best in all endeavors and aspire to leave a lasting impact through dedication, innovation, and integrity.

Skills

Languages: Python, Java, Machine Learning etc.

Framework: Django

Technologies & Tools: VS Code, Github, Excel, MS Word

Work Experience

Assistant Professor

Rathinam Technical Campus

Jan 2024 - Present

- Taught core subjects including Python, Java, Web Development, Machine Learning etc. for post graduate courses.
- Designed and deliver lecture materials, presentations, and hands-on lab exercises to enhance student learning.
- Played an active role in serving as Mentor, Exam Cell Coordinator, IQAC Coordinator, Placement Coordinator, NPTEL Mentor and Time Table Coordinator.
- Conducted and coordinated a Six-Day Online Faculty Development Programme (FDP) on “Smart Healthcare with AI, IoT, and Cybersecurity.”
- Organized and managed academic and co-curricular events, promoting active student engagement and skill growth.
- Guided students in academic projects.

Full Stack - Django Intern

Techjays

Oct 2023 - Jan 2024

- Worked on migrating ML workflows to Native AWS, enabling automated scalability based on workload demands and
- Prepared documentation to assist development team members.
- Attending standup meetings with team members.
- Experience in GIT.

FDP/ Training Attended

- Attended One Week Faculty Development Programme on Recent Advancements in Artificial Intelligence (AI) & ML from 30th June 2025 till 4th July 2025 organized by the Department of Electronics and Communication Engineering, St. Joseph's College of Engineering, Chennai in association with STEP – National Institute of Technology, Surathkal and Pantech eLearning.
- Attended National Level Faculty Development Programme on Empower Minds, Advance Progress: A Journey through AI, Automation, and Emerging Technologies from 4th August 2025 till 14th August 2025 organized by the Department of Computer Science and Engineering, School of Computing, Sathyabama Institute of Science and Technology, Chennai.
- Attended National Level Capacity Building Programme on “Best Practices in Teaching and Learning Process” held on 3rd September 2025 organized by ACT Academy, Kerala. Dr. S. Sriranjani Mokshagundam, Professor, Department of Management, BGS B-School, Bangalore, Karnataka, served as Resource Person.
- Attended Six Days FDP on “Smart Healthcare with AI, IoT & Cybersecurity” Rathinam Technical Campus, Coimbatore | Sep 1–6, 2025
- Participated in the NPTEL–AICTE Faculty Development Programme titled “Introduction to Internet of Things.”

Presented Paper

- Presented a research paper titled “Self Balancing Robot using RB-25d2x” at the 7th International Conference on Smart Technologies and Innovations in Education and Research (STIER-2025), Arjun College of Technology, April 2025.
- Distance Measurement and Display the Values in LCD using IoT with Rugged Board A5D2X Published in IJSREAT Journal, 2025

Certifications

- Cloud Computing | NPTEL Online
- Introduction to Internet of Things | NPTEL Online
- Big Data Computing | NPTEL Online
- Introduction to Java | Skillsoft

Achievements

Received NPTEL Certificate of Appreciation for mentoring students in the course “The Joy of Computing Using Python” (Jul–Dec 2025) conducted through SWAYAM.

Education

MCA | 2021 - 2023

Amal Jyothi College Of Engineering, Kottayam
APJ Abdul Kalam Technological University
CGPA : 8.06

BCA | 2018 - 2021

Nilgiri College Of Arts and Science, Thaloor Bharathiar
University | CGPA : 7.8

Projects

Expense Tracker

- Web application for tracking daily expenses.
- Technology used : Django | PostgreSQL

Weather App

- Web application for tracking daily expenses.
- Technology used : Django | PostgreSQL

Kids Store

- An online Kids store web application where the customer can purchase kids products online.
- Implemented all the necessary e-commerce functionalities like wishlist, cart, orders, user profile, etc.
- Integrated Razor pay for online payment.
- Technology used : Python(Django) | PostgreSQL | Razor pay | Machine Learning