



## POOJASRI M

### II year

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<https://github.com/Poojasri37>

### Profile Summary

Aspiring AI & Data Science engineer with hands-on experience in machine learning, MLOps, and Python development. Passionate about building impactful applications through data-driven solutions. Currently pursuing B.Tech at KCE with a CGPA of 8.91 and internship experience in three tech domains.

### Education

<b>B.Tech in Artificial Intelligence and Data Science</b> Karpagam College of Engineering, Coimbatore	<b>GPA:8.91 /10(as of now)</b>	<b>(2023 – 2027)</b>
<b>Higher Secondary School</b> Kamarajar Higher secondary school	<b>Marks: 94%</b>	<b>(2021-2023)</b>

### Experience

<b>Machine learning  Intern</b> Interned at TechnoHacks EduTech, building and optimizing ML models using deep learning, hyperparameter tuning, and feature selection.	<b>(MARCH 2025)</b>
<b>Data science   Intern</b> Interned at Prodigy Infotech, developing ML models and data pipelines using statistical methods, preprocessing, and visualization techniques.	<b>(JULY 2024)</b>
<b>Python developer   Intern</b> Interned at BYTS, gaining hands-on experience in Python by developing a gaming application and practicing core software development.	<b>(JUNE 2024)</b>

### Certifications

Python for Data Science (NPTEL)  
Buisness analyst Qualification(QLIK)  
Design and Analysis of algorithms(NPTEL)  
Full Stack Development (Udemy)  
Machine Learning(Great Learning)  
PostgreSQL(RDBMS)

### Projects

<b>Weather App</b> – Java, API Integration Developed a Java console app using APIs with multithreading and exception handling.	<b>(November 2024)</b>
<b>Event Management System</b> – Java Swing, MySQL Built a desktop application for event planning and attendee tracking with MySQL integration.	<b>(November 2024)</b>
<b>Heart Disease Prediction</b> – Python, ML, Gradio Built a regression/classification model for heart disease and deployed it using Gradio.	<b>(December 2024)</b>
<b>Crop Price &amp; Employee Attrition Prediction</b> – MLOps, Docker Developed an end-to-end MLOps pipeline with DVC, Git, and data drift detection.	<b>( February 2025)</b>

### Technical Skills

**Languages:** Python, HTML,CSS,Bootstrap,Javascript,Java  
**Databases :**Oracle, MySQL  
**Tools:** Git, Github, Docker, Jenkins, Kubernetes, Chef, Google Colab  
**ML/DL Frameworks :**Numpy, Pandas, Matplotlib, Scikit-learn, Keras, Tensorflow

### Achievements

**Hackathons** (e.g., AI/ML hackathons, Data Science competitions)  
**Coding Contests** (e.g., CodeChef-100+problems, LeetCode- 150+problems, HackerRank - 100+problems challenges)  
**Participated in Smart India Hackathon.**  
**Attended Workshops on** UI/UX Design,Generative AI, **Transformers and computer vision**  
**Ongoing Research** on Ground Water Analysis through Statistics and Machine Learning Mode  
**Attended paper presentation** and won prizes on topic XAI