



## POOJASRI M

### II year

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### 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><br>Karpagam College of Engineering, Coimbatore | <b>GPA: 8.91/ 10(as of now)</b> | <b>(2023 – 2027)</b>   |
| <b>Higher Secondary School</b><br>Kamarajar Higher secondary school                                      | <b>GPA: 9.40 / 10</b>           | <b>( 2021 – 2023 )</b> |

### Experience

|   |                     |
|---|---------------------|
| <b>Machine learning  Intern</b><br>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><br>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><br>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)  
Business 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<br>Developed a Java console app using APIs with multithreading and exception handling.                        | <b>(November 2024)</b>  |
| <b>Event Management System</b> – Java Swing, MySQL<br>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<br>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<br>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