

Jasmine Dorathy

Student, B.Tech Artificial Intelligence and Data Science

A forward-thinking B.Tech student, I blend innovation and technology to solve complex problems. With hands-on experience in AI, web development, and data storytelling, I combine technical skills with a user-first mindset and entrepreneurial drive

✉ jasminedorathyvasantharaj@gmail.com
🌐 linkedin.com/in/jasmine-dorathy-535383219

📞 9342343299
🐙 github.com/jasminedorathy

EDUCATION

B.Tech Artificial Intelligence and Data Science

Dr.Mahalingam College of Engineering and Technology,Pollachi.

11/2022 - Present 9.06

Higher Secondary School

St. Hildas School & Junior College,Ooty

2021 - 2022 89

Secondary School

St. Hildas School & Junior College,Ooty

2019 - 2020 87

PERSONAL PROJECTS

Chronic Obstructive Pulmonary Disease Prediction (02/2024 - 05/2024)

- **Developed a COPD Prediction Model** – Built a machine learning system using patient datasets (spirometry, symptoms, and demographics) to assess COPD risk.
- **Optimized Predictive Algorithms** – Implemented and fine-tuned classifiers (e.g., Random Forest, XGBoost) to improve diagnostic accuracy.
- **Deployed for Clinical Use** – Integrated the model into a user-friendly interface for early detection and patient risk stratification.

AI-Driven Career Counseling Platform (02/2025 - 05/2025)

- **AI-Powered Resume Analyzer** – Built an NLP-based resume parser using **spaCy** to generate ATS scores, key strengths, and improvement areas.
- **Personalized Career Bot** – Developed an **LLM-powered (Gemini API)** chatbot for psychometric analysis and course recommendations using **scikit-learn recommendation engines**.
- **Interactive Dashboard** – Designed a **React** platform visualizations for real-time career insights and resource access.

INTERNSHIP

WEB DEVELOPER

XPLORE ITCORP | Hybrid Intern

06/2024 - 07/2024 Coimbatore

Achievements/Tasks

- Engineered dynamic, mobile-responsive web applications using HTML, CSS, JavaScript, and React.js, delivering seamless user experiences across devices.
- Transformed complex requirements into clean, interactive web interfaces through close teamwork, enhancing usability and driving user satisfaction.

SKILLS

Technical Skills

Programming Languages: Python, Java, C, Javascript.

Tools & Technologies: Git, Power BI, AI Tools (GammaAI,FormAI,WegicAI)

Database Management: MySQL

Version Control: Git

Full Stack: Html, CSS, JavaScript

Soft Skills

Communication

Problem-Solving

Critical Thinking

Team Work

Collaboration

ACHIEVEMENTS

TCS NQT – 71% Score

Scored 72% in the TCS National Qualifier Test (NQT), showcasing strong aptitude, reasoning, and programming skills.

Participant in SIH Hackathon

Participated in SIH Hackathon for developing a face liveness Solution using OpenCV and online integrated platform for projects taken up by the students.

SAWIT.AI LEARNATHON - GUVI

Earned certification for demonstrating practical knowledge in building AI-driven solutions using real-world tools and techniques.

CERTIFICATES

Linguaskill Certification: CEFR Level -B2.

Deep Learning Mastery - Udemy.

Machine Learning for all by University of London-Coursera.

Certified in C programming - Prepinsta.

Data Science using Python - NPTEL

LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

EXTRACURRICULAR ACTIVITES:

Website Coordinator, Invictus – Department Association

UI/UX Workshop Participant, NxtWave CCBP 4.0 Academy