Jasmine Dorathy V

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OBJECTIVE

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. Driven to turn bold ideas into impactful realities.

Area of Interest

1. Data Science & Analytics (Big Data, Data Visualization, Machine Learning)
2. Web Development (Frontend, Backend, Web Framework)
3.**Machine Learning** (OpenCV, NLP, GenAI)
4.**Software Development: Java,Python,HTML,CSS,Backend**

SKILLS:

TECHNICAL SKILLS:

Programming Languages: Java, Python, C,Javascript.

Database Management: MySQL,Pandas

Tools & Technologies: Git,GiHub,Linux CLI

SOFT SKILLS:

Communication: Excellent verbal and written communication.

Problem-Solving: Analytical Thinking, Root Cause Analysis.

ACHEIVEMENTS:

TCS NQT – 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

EDUCATION

Bachelor of Technology**: Artificial Intelligence and Data Science – 2022- 2026**
Dr. Mahalingam College of Engineering and Technology, Pollachi – 642003
CGPA **– 9.06**
Higher Secondary Certificate (HSC) - April 2022**: 89%**
Secondary School Leaving Certificate (SSLC) - April 2020**: 87%**
St.Hildas School & Junior College- Ooty- 643001

PROJECTS:

Chronic Obstructive Pulmonary Disease Prediction   Feb 2024 to May 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.

AI-Driven Career Counseling Platform   Jan 2025 to May 2025
- **AI-Powered Resume Analyzer** – Built an NLP-based resume parser using **spaCy** to generate ATS scores, key strengths, and improvement area.
- **Personalized Career Bot** – Developed an **LLM-powered (Gemini API)** chatbot for psychometric analysis and course recommendations.
- **Database Integration -** Data Scraping and Data Storage using SQL

INTERNSHIPS

Web Development Intern
XploreIT CORP, Coimbatore   June 2024 to July 2024
- Gained valuable experience working within a specific industry, applying learned concepts directly into relevant work situation.
- Developed and maintained responsive, dynamic websites and web applications using HTML, CSS, JavaScript and ReactJs.
- Collaborated with cross-functional teams to build user-centric web interface

CERTIFICATIONS
- Linguaskill Certification: **CEFR Level – B2.**
- Deep Learning Mastery – **Udemy**
- Machine Learning for all by University of London – **Coursera**
- Data Analytics Workshop – **Nxtwave**
- Generative AI Workshop using 10+ AI Tools **– Nxtwave**
- Data Science Using Python **– NPTEL.**
- Certified in C Programming **– PrepInsta**
- Certified in Machine Learning & AI **– PrepInsta.**