PRATHIMA S

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OBJECTIVE

Seeking an opportunity to apply my problem-solving skills and technical knowledge. Eager to contribute to innovative and efficient solutions. Passionate about continuous learning and professional growth. Looking forward to contributing my skills and grow in a dynamic environment.

EDUCATION

• **2022-2026**
B. TECH-Artificial Intelligence and Data Science| Sona College of Technology| CGPA:8.61

• **2022**
HSC | St. Lucy's Matric Hr.Sec.School | Percentage:90.67

• **2020**
SSLC | St. Lucy's Matric Hr.Sec.School | Percentage:94.2

SKILLS

TECHNICAL SKILLS

• Java   • Python   • Oops   • MySQL   • HTML   • CSS   • Bootstrap • Power Bi   • Git & GitHub

SOFT SKILLS

• Communication • Time Management   • Teamwork • Problem Solving • Public Speaking

PROJECT

DIGITAL TRAFFIC ANALYSIS

Developed Power Bi dashboards to track website traffic, sales, and user behavior. analyzed visitor engagement, payments, cart abandonment, and product sales across platforms. delivered insights to boost conversions and enhance user experience.

TOOLS: Power Bi, SQL, Excel, Data Visualization

MUSIC SUBSCRIPTION APPLICATION

Developed a Java-based music subscription application featuring playlist management, subscription handling, and album purchases for non-subscribers. Implemented efficient sorting and filtering for easy catalog navigation. Applied core OOP principles like encapsulation, abstraction, and inheritance to ensure clean, modular, and maintainable code.

Tools: Java (OOP S– Encapsulation, Abstraction, Inheritance, Polymorphism)

GRIEVEASE

Designed and built an AI-powered petition classification system using a fine-tuned transformer model to automatically categorize public grievances into relevant departments based on content. The system supports multilingual input, flags urgent cases for escalation, and improves administrative efficiency by streamlining grievance handling, routing, and resolution tracking across departments

Tools: Python, Transformers, Fast API, PostgreSQL, React.js, Qwen (fine-tuned transformer model), SeamlessM4T

CERTIFICATIONS

- Internet of Things – NPTEL
- JAVA Programming – NPTEL
- Design Thinking Premier – NPTEL
- Basics of Python – Infosys Springboard
- Power BI for Beginners – Simplilearn
- Database Management System – Infosys Springboard

CO-CURRICULAR ACTIVITIES

- Participated in Sona Speaker's Form
- Participated in Smart India Hackathon
- Participated in PORT 24 a National level Symposium at Sona College of Technology
- Attended workshops Conducted by MIT Madras
- Participated in ideathon in MIT Madras

LANGUAGES KNOWN

- Tamil -Advanced
- English - Intermediate