Vijayalakshmi R

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Passionate About Leveraging | Building AI-Driven & Real-Time Applications

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OBJECTIVES

Seeking an entry-level position in software development where I can utilize my knowledge of Python, SQL, and data analysis, along with my experience in building real-time applications and participating in hackathons, to deliver impactful solutions.

EDUCATION

GSSS Institute of Technology for Women, Mysore	**2023-2027**
Bachelor of Engineering, Artificial Intelligence and Data Science– **9.01 CGPA**	
Anikethana PU College, Mandya	**2021-2023**
PCMB - 92%	
Poorna Prajna Convent , Shivapura	**2020**
KSEEB – 95%	

PROJECTS

- **Student Gatepass System – PHP , SQL (In Progress)**
  Developing a real-time gatepass management system for students to streamline entry and exit approvals.
  Integrating live notifications and secure authentication for better campus monitoring.

- **Learning Management System (LMS) – (In Progress)**
  Designing and implementing an LMS platform to manage courses, assignments, and student progress.
  Building REST APIs and mobile interface for seamless learning experience.

- **Employee Salary Data Cleaning & Aggregation – Python, Pandas (Completed)**
  Processed and cleaned large-scale HR salary datasets to generate insights and structured reports.
  Automated data aggregation workflows to support HR decision-making.

- **Language Diversity in Video Learning – AI/ML**
  Exploring solutions to enable multilingual support in video-based learning platforms. Experimenting with AI-powered subtitling and real-time translation .

TECHNICAL SKILLS

- **Programming Languages & Technologies:** C, Python, Java (Basics), HTML, CSS, JavaScript (Basics), SQL, GitHub
- **Frameworks & Libraries:** Flask, Pandas, NumPy
- **Database & Tools:** DBMS, MySQL

ADDITIONAL INFORMATION

- **Achievements:** 2nd Place – Prayog Hackathon 2024, conducted by Vidyavardaka College of Engineering (Developed a creative AI-based solution in a team setting)
- **Training:**
  Samsung Innovation Campus – Python Programming & Data Analysis (2024) – Completed training in Python fundamentals, Pandas, NumPy, and developed a project on data cleaning and aggregation.
- **Certifications:** 2nd Place – Prayog Hackathon (2024); Participation – Hackfinity (MIT Hackathon, 2024)
- **Languages:** English, Kannada (Native), Hindi (Limited)
- **Interests:** Software Development & Real-Time Systems