Vishnu M

6380442522 | vishnuvk6373@gmail.com | linkedin.com/in/vishnu-m-08834721a/ | github.com/vishnu-6373

SUMMARY

Passionate Software developer with expertise in Python,Flask and Django, REST APIs, and PostgreSQL. Skilled in backend architecture, API development, and database management, with basic React knowledge. Strong problem-solving and collaboration skills, eager to build scalable and efficient backend systems.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, PostgreSQL, HTML/CSS, Java

Backend Frameworks: Flask, Django

Libraries & Tools: Flask-RESTful, Flask-RESTx, Flask-SQLAlchemy, Redis, Git

PROJECTS

Human Resource Management System (HRMS)   Feb 2025 – Present
Business management Project   *Python, Flask, PostgreSQL*
- Developed an end-to-end Backend APIs for employee skill management and leave management
- Implemented dynamic skill configuration, employee-skill mapping, and an intelligent task assignment system to allocate tasks to the highest-skilled employees efficiently
- Implemented leave approval, rejection, and escalation mechanisms, enabling seamless recommendations to higher-level employees for decision-making

Factory Efficiency Management System (FEMS)   Dec 2024 – Jan 2025
Business management Project   *Python, Flask, PostgreSQL*
- Built a RESTful API for fabric wastage report and Roll process DC

EXPERIENCE

Software Developer Intern   Oct 2024 – Dec 2024
TechGenzi
- Worked on backend services for a CRM system using Flask, REST APIs, and PostgreSQL, ensuring efficient data management and seamless user interactions
- Worked on FEMS backend services using Flask, REST APIs, and PostgreSQL

Software Developer   Jan 2025 – Apr 2025
TechGenzi Pvt Ltd   *Coimbatore, Tamil Nadu*
- Enhance the HRMS backend APIs, refining database queries using ORM for improved performance, and adding new functionalities to enhance.
- Optimized microservices, ensuring high availability, improved response times, and data consistency
- Ensured data quality through validation, error handling, and efficient data processing
- Collaborated with Assert Management System to update machine and activity configuration

EDUCATION

Karpagam Institute Of Technology   Coimbatore
B.Tech in Information Technology   *2020 – 2024*

Kamarajar Hr.Sec School   Namakkal
Higher Secondary   *2018 – 2020*