Haripriya C

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Summary

Detail-oriented and highly motivated Python Developer with hands-on experience in designing, developing, and maintaining scalable web applications using Django framework. Proficient in writing efficient SQL queries and managing relational databases such as PostgreSQL and MySQL. Adept at building RESTful APIs, implementing backend logic, and integrating third-party services.

Education

Mahendra Institute of technology, BE in ECE   Jun 2018 – Apr 2022

- CGPA: 7.8/10.0
- **Coursework:** Computer Architecture, Object Oriented Programming, Signals and systems

Experience

Software Engineer, Mahima Technology – Salem, TN   July 2023 – Present

- Developed an Institute Management Platform that has the capability to track the information of staff and students of 3 College Institute of Namakkal
- Designed front end for the platform to get the information from the user and store that information in the Postgres DB
- Implemented the optimized script in the Azure VM that reduced the $\mathcal{O}(n^2)$ to $\mathcal{O}(n)$ complexity
- Developed Platform tracks the attendance, student information, transport services, electricity usage, water level, and club activity information
- Implemented the dashboard in the front end to show the important information as charts for the users
- Implementing authentication and authorization such as OAuth and JWT to protect the sensitive data

Verification Executive, Mahendra Next Wealth – Namakkal, TN   June 2022 – July 2023

- Designed several REST api to collect the data from the Front end and store it in the Postgres DB in the structured manner
- Ensure clear communication between the Front-end and Back-end for efficient and optimized performance
- Supported the CI/CD pipeline tasks including Docker, Kubernetes, and Cloud platforms.
- Pytest and Postman were used to perform the test in the API and other developed modules in the platform.

Intern, iMatiz Technologies – Bangalore, KA   December 2021 – May 2022

- Deployed several API in the Azure server to perform ETL and store the data in the Postgres DB
- Developed System receives the stream of IoT data using Azure IoT hub, perform ETL in Azure VM and store in DB

Technologies

Languages: Python, Java

Framework: Django, Django REST Framework, React, jQuery & AJAX

DB: Postgres, MySQL

Technologies: HTML, CSS, JavaScript, Bootstrap, REST API, Git, GitLab

Cloud: Azure, AWS