MAHESH KVS

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Profile Summary

Software engineer with experience in back-end development, proficient in designing, developing, and deploying scalable and efficient solutions. Aspiring to contribute technical expertise to a challenging back-end role.

Experience

Aqfer   **July 2022 - Jan 2025**

Software Engineer   *Chennai*

- Spearheaded the development of a diverse array of MarTech and AdTech solutions for 2.5 years, ensuring alignment with client specifications and industry standards to deliver exceptional results by leveraging various tools like Go, Python and AWS.
- Architected and implemented 10+ bespoke data processing pipelines utilizing the aMDP (aqfer Marketing Data Platform), mainly enhancing data flow and analytical capabilities for various marketing campaigns capable of processing over 1 Billion records daily.
- Developed scalable and modular microservices for the aUT (aqfer Universal Tag) team, facilitating a seamless transition from NodeJS to GoLang reducing the overall latency by 50%.
- Enhanced operational efficiency for legacy clients by executing a strategic migration from Scala to GoLang, coupled with a comprehensive code refactoring initiative that reduced infrastructure costs by 20% and decreased the runtime by 6 times.

Entrayn Education Technologies   **Jan 2022 - May 2022**

Full Stack Intern   *Remote*

- Created a comprehensive University Recommendation Engine utilizing Angular and Django REST Framework, leveraging historical admission data to provide tailored recommendations for 10000+ students.
- Designed and deployed over 5 robust RESTful APIs with Django REST Framework, ensuring seamless integration with the Angular front-end for an enhanced user experience.
- Employed Python scripting to analyze past student admission data of over 1 Million students, creating algorithms that identified key factors influencing university admissions, thereby enabling accurate recommendations.

Entrayn Education Technologies   **Jun 2021 - Nov 2021**

Frontend Intern   *Remote*

- Collaborated closely with 3 cross-functional teams to conceptualize and execute new features and reusable components within the Admission Counselling section, enhancing the overall functionality of the application.
- Built more than 4 key features, including file upload , internal user dashboard, visa dasboard, shortlisting view, utilizing Angular Framework, Bitbucket, HTML, SCSS, Typescript, and JavaScript to deliver a seamless user experience.

Core Competencies

Back end development	Microservices	Code optimization	System design
API Integration	Database Management	Data Engineering	Project Management

Technical Skills

Programming Languages: C++, GoLang, Python, JavaScript, Typescript, SQL.
Frameworks: Node.js, Angular, Django rest framework, Flask, HTML, CSS.
Developer Tools: AWS, Git, Github, Jira, Bitbucket, Postman, Linux, VS Code.

Education

IIITDM Kancheepuram   **2018 − 2022**

B.Tech, Computer Science and Engineering - CGPA: 8.1   *Chennai*

Notable Projects

Covin Info   ***Cowin API, Flask, Heroku, HTML, CSS, Bootstrap***

- Designed a website using the COWIN API to show the current availability of vaccination slots for a given date and a given pincode.
- Displayed 6 parameters including the session timings and Google Map directions based on the slots availability.
- Collaborated in a 2 member team using Git and VS Code LiveShare.

Digital Library   ***Flask, JS, HTML, CSS, MySQL, Bootstrap***

- Implemented a full stack Web-application for Digital library which contains books, videos and student notes.
- Devised CRUD functionality for user management and File upload to server based on user hierarchy and tested with more than 30 users.