Mohamed Ali

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SUMMARY

Versatile Software Developer with 2.7+ years of experience, adept at solo project management and collaborative teamwork. Skilled in software design, installation, testing, and maintenance across various platforms and languages. Proficient with cutting-edge development tools. Ready to drive efficiency and innovation in any environment.

EXPERIENCE (3 YEARS)

Software Engineer (Dotnet, Angular, python, Langchain)

Kovai.co   **March 2023 - Present, Coimbatore, India**

- Collaborated with the team to bring Gen AI to life, using prompt engineering and the LangChain framework in Python. This boosted our product's capabilities, making it more user-friendly and innovative.
- Migrated in-process function app to isolated setup, boosting performance and reducing dependencies.
- Enhanced manageability and control over deployment resulted in streamlined operations.
- Integrated Segment.io with Churn360, facilitating smooth data flow for analysis.
- Processed and mapped data to our model, enhancing insights into user behavior and improving customer retention strategies, benefiting the company's overall performance.

Junior Software Engineer (Dotnet, Angular)

Kovai.co   **July 2022 - March 2023, Coimbatore**

- Designed and developed a built-in usage analytics tool.
- Utilized es-build, TypeScript, Azure function apps, and a Chrome extension for implementation.
- Implemented comprehensive tracking of user behavior.
- Enabled detailed analysis of user interactions and patterns.
- Resulted in notable profit increases through optimized user engagement strategies.
- Provided valuable data for product refinement and optimization.
- Contributed to the overall improvement of the user experience.
- Helped the customer adopt the usage tool by providing support with a sample application tailored to their application build framework during the customer onboarding phase, facilitating seamless integration with Churn360 for ongoing monitoring and evaluation of user activity.

Product Engineer Intern (Dotnet, Angular)

Kovai.co   **December 2021 - July 2022, Coimbatore**

- Implemented StyleCop across all project files to enforce coding standards and maintain consistency in coding practices.
- Contributed to the development of two widgets within the project dashboard.
- Identified and resolved bugs within the Identity Server component.
- Followed agile methodology to ensure timely delivery of software projects.

Python Developer Intern (Flask, NLTk)

Transbotation   **November 2020 - May 2021, Kuala Lumpur, Malaysia (Remote)**

- Utilized image processing techniques to extract relevant data from bill images and convert it into structured CSV format.
- Employed Natural Language Processing (NLP) algorithms to parse and interpret textual information from the bill images, enhancing accuracy and efficiency in data extraction.
- Developed a RESTful API to facilitate seamless integration between the frontend and backend systems, enabling efficient data retrieval and communication between different components of the system.
- Implemented robust error handling and validation mechanisms within the API to ensure data integrity and reliability in data transmission.

EDUCATION

Bachelor of Science in Information Technology

Sri Krishna Arts And Science college • Coimbatore, India • 2022

- Local Tech Community Lead for my collage department.
- Organized a Hackathon event (Hack and win @skasc) for my campus in online mode.
- AI/ML – Lead in Google Student Developer Club 2020 - 2021

SKILLS

C# .NET	Python	Angular 14	Web application development
Back-end frameworks	Node.js	HTML	Software Debugging
.NET development	Azure	CSS	Agile development methodologies
Code debugging	JavaScript	TypeScript	GIT
MS SQL Server	Prompt engineering	ES build	API Integration
GenAI	REST API	Browser extension	Teamwork and Collaboration