MIDHUN O

ASSOCIATE SOFTWARE ENGINEER

Dear Hiring Manager,

I am writing to express my interest in the Software Developer position that has recently become available. With a Bachelor's degree in Computer Science and hands-on experience as an Associate Software Engineer, I am excited about the opportunity to contribute to your esteemed organization.

During my tenure at Coddle Technologies, I have honed my skills in full-stack development, working extensively with technologies such as ReactJS, Redux, JavaScript, Node.js, and Python. My recent projects include developing an AI-powered home recommender system and a RAG Chatbot, equipping me with practical experience in AI frameworks and machine learning libraries like LangChain, Llama Index, and Pinecone. These projects also involved integrating Firebase Authentication for secure user management.

My educational background and professional experiences have made me proficient in both front-end and back-end development, databases like MongoDB and MySQL, and various tools such as Postman, Amazon S3, Azure Blob Storage, and GitHub.

I am eager to bring my problem-solving abilities, adaptability, and collaborative spirit to your team, contributing to the growth and success of your projects.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experiences align with the needs of your team. Please find my resume attached for your reference.

Sincerely,

Midhun O.

MIDHUN O

⌖ Kozhikode, Kerala, India ✉ midhunprtz@gmail.com ☐ +919656610543 in/midhun-oruvammal/ ☁ midhun-oruvammal.github.io/me/

SUMMARY

Full Stack Software Engineer with experience in blending design and functionality to develop user-friendly digital solutions. Proficient in front-end technologies like ReactJS and back-end technologies such as Node.js, with expertise in databases like MongoDB and MySQL. Skilled in AI frameworks and tools to innovate and deliver impactful projects in dynamic environments

SKILLS

Front End: React.js, Next.js, Redux, JavaScript, TypeScript, HTML, CSS, jQuery, Bootstrap, Tailwind CSS

Backend: Express.js, Node.js, Python, Flask, Fast API

Databases: MongoDB, MySQL

AI and Machine Learning: Langchain, Langserve, Llama Index, Pinecone, Large Language Models, Hugging Face, Create-llama

Others: Postman, Azure Blob Storage, Firebase Authentication, JWT, GitHub, SonarQube, ESlint, Sendgrid, npm

EXPERIENCE

Associate Software Engineer
Coddle Technologies   June 2023 - Present, Govt. Cyberpark, Kozhikode
· Developed and maintained scalable web applications using React.js, Redux, and Node.js, Express.
· Ensured high code quality by integrating SonarQube for continuous code analysis and using ESLint for maintaining consistent coding style.
· Built a RAG architecture chatbot with Next.js, Pinecone, Llama Index, and Fast API.
· Implemented a dynamic e-commerce shopping cart application using React, Node.js, and MySQL.
· Utilized Git for version control and collaborated with team members using GitHub.

Intern
Quest Innovative Solutions   June 2019 - November 2019, Kozhikode
· Learned Python fundamentals, data handling techniques, and basic web application development.
· Learned HTML, CSS, and JavaScript to complement Python skills in web development.
· Developed basic web applications using Django under the guidance of senior developers.

PROJECTS

AI Home Recommender
Coddle Technologies · April 2024 - May 2024
· Built an AI-powered home recommender system using Next.js, LlamaIndex, LangChain, Pinecone, MongoDB, Open AI and Flask.
· Implemented chat history management, enabling users to link new questions to previous ones for seamless conversation flow.
· Integrated Firebase Authentication to provide secure user authentication and authorization.

RAG Chatbot
Coddle Technologies · March 2024 - May 2024
· Developed a chatbot leveraging RAG architecture with Pinecone, Llama Index with Next.js and Fast API.
· This chatbot answers user questions based on the stored information from car brochure.
· Integrated Firebase Authentication to provide secure user authentication and authorization.

E-Commerce Platform
Coddle Technologies · September 2023 - November 2023
· Developed a dynamic e-commerce application using React, Node.js, and MySQL.
· Utilized Redux Toolkit for effective state management and improved application performance.
· Implemented RESTful APIs with Node.js and Express to handle product, user, wish list and cart data.
· Added role-based access control for admin functionalities, streamlining product management.

EDUCATION

Bachelor of Computer Science
AWH Special College · Kallai, Kozhikode · 2023 · 7.5 CGPA

COURSEWORK

Generative AI Full Course
freeCodeCamp · 2024