

Midhun O

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SOFTWARE ENGINEER

Full Stack Software Engineer with experience in building user-friendly web applications and enhancing system functionality. Skilled in both front-end and back-end development. Open to new opportunities and collaborations.

SKILLS

Front End: React.js, Next.js, Redux, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Material UI, React Native, Bootstrap

Backend: Node.js, Express.js, Python, Flask, MongoDB, MySQL, SQLite, Cron Jobs, JWT, RBAC, RESTful APIs

Generative AI: Langchain, Langserve, OpenAI, Gemini API, Pinecone, Retrieval-Augmented Generation (RAG), LLMs

Development Tools: Jira, GitHub, BitBucket, npm, ESLint, Postman, SendGrid, AWS S3, Azure Blob, Firebase, SonarQube

EXPERIENCE

Associate Software Engineer

MetaZ Digital

November 2024 – Present, HSR Layout, Bangalore

- Contributed to VYMO, a product by Vymo, in the BFSI sector, focusing on the insurance domain.
- Worked on lead management systems, ensuring smooth functioning and timely updates.
- Developed and integrated new features to enhance system functionality and address evolving business needs.
- Diagnosed and resolved production issues to maintain high system availability and reliability.
- Wrote scripts and created DAGs for scheduling tasks and improving workflow automation.

Associate Software Engineer

Coddle Technologies

June 2023 – August 2024, Kozhikode, Kerala

- Developed and maintained scalable web applications using **Next.js**, **React.js**, **Redux**, **Node.js**, and **Express.js**.
- Ensured high code quality through **SonarQube** analysis and maintained coding style with **ESLint**.
- Participated in code reviews to improve code quality and maintainability, ensuring adherence to best practices.
- Utilized **Git** for version control and collaborated with team members on **GitHub**.
- Contributed to **Agile** practices through daily stand-ups and sprint reviews.

PROJECTS

Lanyard-Pro

Coddle Technologies • July 2024 – August 2024

- Contributed to the development of an e-commerce platform for lanyard sales, focusing on enhancing user engagement and experience.
- Designed and implemented a Chat Buddy UI using **Next.js** for a responsive and intuitive interface.
- Developed the backend API for the Chat Buddy with **Langserve**, **Langchain**, **Pinecone**, and **Mixtral AI** from the **Groq AI Interface**.

Greenplus

Coddle Technologies • January 2024 – May 2024

- Developed a lead management system using **React.js**, **Node.js**, and **Material-UI** for improved form handling and user engagement.
- Automated document workflows by generating PDFs from form data and integrating **Yousign** for e-signature verification.
- Incorporated **SendGrid** for automated email communication, including OTP-based verification for enhanced security.
- Utilized a **webhook** to download signed PDFs automatically and stored them securely in **Azure Blob**, ensuring safe and easy access.

EasyCart

Coddle Technologies • easycart-bay.vercel.app/ • August 2023 – December 2023

- Developed a dynamic e-commerce application using **React**, **TypeScript**, **Node.js**, and **MySQL** technologies.
- Utilized **Redux Toolkit** for effective state management and significantly improved performance.
- Created **RESTful APIs** using **Node.js** and **Express** with **JWT** for secure authentication of product, user, wish list, and cart data.
- Added role-based access control for admin functionalities, greatly streamlining product management.

EDUCATION

Bachelor of Computer Science

University of Calicut • Kozhikode, Kerala • 2020–2023

Diploma in Computer Engineering

Kerala Government Polytechnic College • Kozhikode, Kerala • 2016–2019