

Midhun O

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ASSOCIATE SOFTWARE ENGINEER

Full Stack Software Developer with 2 years of total experience, including 1.5 years of relevant experience in both front-end and back-end development, focused on creating user-friendly web applications. Open to new opportunities and collaborations.

SKILLS

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

Backend: Express.js, Node.js, Python, MongoDB, MySQL, SQLite, API Development, Database Management

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

Development Tools: AWS S3, Azure Blob, ESLint, Firebase Auth, GitHub, JWT, npm, Postman, SendGrid, SonarQube

Additional Familiar Technologies: FastAPI, Django, jQuery, Bootstrap, React Native, Flask, PostgreSQL, Highcharts, SCSS

EXPERIENCE

Associate Software Engineer

Coddle Technologies

June 2023 - August 2024, Govt. Cyberpark, Kozhikode

- 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.

Intern

Quest Innovative Solutions

June 2019 - November 2019, Kozhikode, Kerala

- Learned Python fundamentals and basic web application development, building a strong backend foundation.
- Gained proficiency in HTML, CSS, and JavaScript for full-stack web development.
- Developed web applications using Django, enhancing understanding of backend frameworks.

PROJECTS

Lanyard-Pro

Coddle Technologies · July 2024 - August 2024

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

Greenplus

Coddle Technologies · January 2024 - March 2024

- Developed an **interactive platform** using **React.js** and **Node.js** with **Material-UI** for dynamic forms, enhancing user engagement.
- Created **APIs** for secure data exchange between frontend and backend, ensuring smooth operation.
- Generated PDFs** using the **pdf-lib** library from form data to send for **e-signature** verification.
- Integrated **Yousign** for seamless **e-signatures** and **SendGrid** for automated **email** communication with **OTP verification**.
- Implemented a webhook** to download signed PDFs and store them securely in **Azure Blob** for easier and secure access.

EasyCart

Coddle Technologies · 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 · 2023

Diploma in Computer Engineering

Kerala Government Polytechnic College · Kozhikode, Kerala · 2020