

RIDMA KANCHANA ATHUKORALA

SOFTWARE ENGINEER

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Summary

A seasoned Software Engineer with 3+ years of hands-on experience in the IT industry, adept at designing, developing, and maintaining robust web applications in both production and cloud environments. Proficient in Full Stack development using the MERN stack, PHP Laravel, and CodeIgniter. Skilled in building and managing complex micro services, while leveraging advanced techniques in database design, Docker containerization. Demonstrates exceptional problem-solving abilities and a strong commitment to collaborative project development. Proven ability to drive efficiency and innovation across application development, with a strong track record of delivering high-quality solutions in dynamic and high-pressure settings. Passionate about leveraging technology to deliver cutting-edge solutions and drive organizational success.

Technical Skills

- Front End
 - HTML ,CSS
 - Tailwind CSS
 - Next Js
 - React Js
 - AJAX
- Databases
 - MySQL, NoSQL (MongoDB), OracleDB
- Docker
- GitLab, GitHub, Bitbucket
- Back End
 - Nest Js
 - Node Js
 - PHP (Laravel, CodeIgniter)
 - Python
- Open AI Integrations

Professional Experience

Sonic Labs (Pvt) Ltd

Software Engineer | April 2023 – July 2024

- Demonstrated mastery in Full Stack engineering, proficiently developing both frontend and backend components to deliver user-centric applications with robust data gathering capabilities.
- Acquired expertise in the MERN (MongoDB, Express.js, React, Node.js) stack, leveraging its capabilities to construct and maintain intricate micro-services.

Key Projects and Micro-Services:

- **Coinbureau – Frontend** ([Coinbureau Blog](#))
 - Main developer for the frontend using Next.js.
 - Integrated Strapi CMS with the frontend using GraphQL.
 - Developed the backend using Nest.js.
 - Implemented Meilisearch for global search functionality.
 - Built four micro-services:
 - **Coinbureau-langchain:** Utilized vector search, Meilisearch, OpenAI, and Python to search related articles for each blog post.

- **Coinbureau-coordinator and Coinbureau-translator:** Created multi-language support by integrating Strapi for blog translation using a custom webhook.
 - **Coordinator:** Manages translation processes, creating and updating internationalized content.
 - **Translator:** Integrated with OpenAI to translate blog posts into multiple languages using Strapi's internationalization (i18n) feature, ensuring all fields of any content type are translated and synchronized with Strapi.
- **Discord Bot**
 - Developed a Node.js bot integrated with the Coinbureau Discord server to verify users and manage roles.

LAYOUTindex (Pvt) Ltd

Associate Software Engineer *May 2022 - Apr 2023*

- Worked on PHP Laravel and CodeIgniter projects, delivering robust web applications.
- Developed and maintained MySQL databases to support application functionalities.
- Created Docker containers to streamline the application deployment process.
- Collaborated with team members to develop and implement new features, enhancing product capabilities.
- Assisted in troubleshooting and resolving technical issues, ensuring smooth project execution.

Ceylon Linux (Pvt) Ltd

Full Stack Developer *Apr 2021 - May 2022*

- Developed web applications using PHP and Laravel, contributing to the overall project success.
- Designed and implemented MySQL and OracleDB databases, optimizing data management and retrieval.
- Developed and maintained Docker containers for efficient application deployment.
- Conducted code reviews and provided technical guidance to team members, fostering a collaborative development environment.
- Participated in project planning and scoping activities, contributing to the strategic direction of projects.

Junior Full Stack Developer *Oct 2020 - Apr 2021*

- Developed web applications using PHP and Laravel, delivering high-quality software solutions.
- Designed and implemented MySQL and OracleDB databases to support application data needs.
- Created frontend interfaces using HTML, CSS, Vue.js, React.js, and Tailwind CSS.
- Assisted in bug fixing, ensuring the stability and reliability of applications.

Education

Bachelor's Science, Computer Science (SECOND CLASS LOWER DIVISION)

University Of Ruhuna, Sri Lanka | 2017-2020