SOFTWARE ENGINEER

MEWAN AMARAKOON

CONTACT INFORMATION

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SKILLS

- Programming Languages: JavaScript,
  TypeScript

- Front-end Development: React, Next.js,
  Redux, Tailwind CSS, CSS3, HTML5

- Back-end Development: Node.js,
  Express.js, Firebase

- API Development: RESTful APIs,
  GraphQL

- Databases: MongoDB, Firestore, MySQL,
  PostgreSQL

- Version Control: Git, GitHub, GitLab

- Unit Testing: Jest, Mocha, Chai

- Cloud & DevOps: Google Cloud Platform
  (GCP), Docker

- Agile Methodologies: Scrum, Kanban

- Problem-solving and analytical skills

- Excellent team collaboration and
  communication

- Continuous learning and adapting to
  new technologies

LANGUAGES

- English | Intermediate

- Sinhala | Native

PERSONAL STATEMENT

Results-driven Software Engineer with 3+ years of experience in full-stack development. Proficient in JavaScript, TypeScript, React, Node.js, and cloud technologies like Firebase and Google Cloud Platform. Proven track record of improving deployment efficiency, enhancing user experience, and developing scalable web applications. Seeking to leverage my skills in a forward-thinking and innovative organization.

WORK EXPERIENCE

SOFTWARE ENGINEER

The AI Team. Kotikawatta, LK | 2022 - Present

- Full-Stack Developer tasked with building and deploying scalable web applications, utilizing React, Next.js, TypeScript, and Tailwind on the front end, alongside Firebase and GCP for backend services.

- Contributed to the entire application lifecycle from design through to deployment, focusing on problem-solving, scalability, and user experience.

- Continuously engaged in learning and applying new technologies to improve software quality and efficiency.

- **Key Projects:** Lynn, GFB Platform V2

INTERN SOFTWARE ENGINEER

Spera Labs. Kaduwela, LK | Dec 2020 - Jul 2021

- Played a key role in two major MERN stack projects, utilizing React for front-end development, Firebase for database and authentication services, and Node.js for server-side functionality.

- Gained valuable experience in collaborative development and project deployment, enhancing my full-stack development skills and understanding of team dynamics.

- **Key Projects:** His Kingdom

EDUCATION

BACHELOR OF COMPUTER SCIENCE

University of Ruhuna. Matara, LK | Dec 2017 - Nov 2022

GPA - 3.63 (Second Upper Class Honors)

PROJECTS

Lynn

- Collaborated within a team of 8 on Lynn, an AI chatbot focused on automating customer support, with my main role involving backend development tasks like data crawling and leveraging Google Cloud's BigQuery and Pub/Sub for efficient data management and communication.

- Extended my contributions to both frontend and backend development, significantly refining user authentication, enabling payment processing, and enhancing the chatbot's intelligence to improve customer interactions.

Technologies: React, Next.js, Typescript, Tailwind, Firebase, Google Cloud Platform (Cloud Build, Cloud Functions, Cloud Run, Cloud Tasks, BigQuery) and Github

GFB Platform V2

- Worked alongside a 6-member team to transition AIESEC's financial data management system from Google Sheets to a more scalable platform, overhauling it to meet advanced needs.

- Contributed to both frontend and backend development, playing a key role in the introduction of a task generation mechanism that simplified data submissions for AIESEC entities worldwide, thereby enhancing the Global Finance Board's operational efficiency.

Technologies: React, TypeScript, Tailwind, Node.js, Firebase, Google Cloud Platform (Cloud Build, Cloud Functions, Cloud Run, Cloud Tasks) and Github

His Kingdom

- Tasked with debugging and enhancing the functionality of both frontend and backend components within a dynamic 5-member development team, ensuring the application delivers a seamless performance and superior user experience.

- Implemented features to support payments and email notifications, contributing to a more connected and engaged user community.

Technologies: React, Node.js, Redux, Firebase, MongoDB, Stripe and Github

DevSage

- Developed DevSage, a targeted educational platform aimed at enhancing job readiness for web developers through an extensive database of MERN stack interview questions and comprehensive web development notes.

- Led the implementation of interactive assessment tools that allow users to test their knowledge and receive instant feedback, thereby improving their ability to perform well in technical interviews.

Technologies: React, Next.js, TypeScript, MDX, Tailwind, Clerk

ACHIEVEMENTS

Huawei Seeds for the Future 2020: Selected as one of 16 participants from Sri Lanka for Huawei's global CSR flagship program, contributing to technological and cultural exchange initiatives.

BattleCode v1.0: Winner of the Intra-university hackathon, University of Ruhuna (2019), leading a team to develop a winning solution in a competitive environment.

REFERENCES

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