HASALA NUPE ARACHCHIGE

ASSOCIATE SOFTWARE ENGINEER

PERSONAL PROFILE

I am a motivated and diligent engineer, eager to apply my acquired skills and take on challenges posed by new technologies. With a strong work ethic and a determined mindset, I am well-prepared to navigate steep learning curves and gain valuable hands-on experience.

CONTACT

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SKILLS

Technical Skills
- Javascript
- Typescript
- React
- NextJS
- Java
- Springboot
- MySQL
- NestJS
- AWS

Non-Technical Skills
- Leadership
- Team Work
- Fast Learning
- Critical Thinking

WORK EXPERIENCE

Associate Software Engineer
Rootcode (pvt) Limited.
2025 Jun - Present

- Architected and developed a comprehensive UI component library using React and Tailwind CSS, establishing a single source of truth that significantly accelerates front-end development.
- Utilized Storybook to build interactive component documentation, streamlining team collaboration, reducing onboarding time, and ensuring design consistency across the application.
- Actively maintain the open-source 'Skapp' application by managing dependencies, resolving critical bugs, and ensuring forward compatibility with emerging web technologies.

Software Engineer Intern
Rootcode (pvt) Limited.
2024 Jun - 2025 Jun

- Spearheaded the integration of critical enterprise features for the 'Skapp' application, including a secure Stripe payment gateway and seamless Google SSO to enhance monetisation and user access.
- Drove the modernisation of the codebase for its open-source transition by upgrading core frameworks (Next.js, Spring Boot) and refactoring legacy code, improving quality and maintainability.
- Delivered full-stack features from reusable Next.js UI components to robust Spring Boot APIs for core modules like timesheets, user configurations, and CSV data exports.
- Re-architected the front-end authentication flow using NextAuth to bolster application security and simplify session management within a multi-tenant architecture.

Web Developer
Axle Global (pvt) Limited.
2023 Nov - 2024 Jan

- Led collaborative team effort at this startup company to develop and launch a WordPress e-commerce platform.
- Customized website for responsiveness and user experience optimization with a custom product filtering system and new labelling system.
- Integrated secure payment gateways to ensure safe transactions.
- Optimized website performance for fast loading times.
- Implemented SEO strategies to enhance online visibility.
- Resulted in a scalable online storefront, driving sales and boosting brand presence.

VOLUNTEERING

- Postman Student Leader
- Finance Lead of IEEE CS SBC at IIT
- GitHub Instructor and Team Coordinator of CodeRally 4.0 Hackathon
- Web Developer of WebSpire Web Development Workshop Series
- Program & Logistic Team volunteer at Microsoft Imagine Cup Awareness Session

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TECH TALKS

- Speaker of API 101 Using Postman workshop organized by IEEE CS at IIT
- Mentor & Speaker of WebSpire Awareness Session

AWARDS AND ACHIEVEMENTS

- Postman Student Leader
- Best Western Music O/L Reults Award at STC 2017

HOBBIES

- Web Content Writing
- Carrom

REFERENCES

Torin Wirasingha
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EDUCATION

Informatics Institute of Technology   2022 - Present

B.Sc(Hons) Computer Science

I am currently reading for my bachelor's degree at IIT affiliated with the University of Westminster.

St.Thomas College Matara   2012 - 2020

G.C.E Advanced Level in Physiclal Science   1B 2C's

G.C.E Odinary Level   8 A's and 1 B

PROJECTS

Bill Potha   2023 Jul - 2023 Sep

- Technologies Used: Flutter, Django, Django REST Framework, Postman
- Developed a comprehensive full-stack mobile application aimed at efficiently managing utility bills. The application allows users to seamlessly track, organize, and pay their utility bills, enhancing their financial management experience.

Text2Specs   2023 May - 2023 Jun

- Technologies Used: HTML, CSS, JS, Django, Postman, PaLM2 API, Azure, GitHub Actions (CI/CD)
- Successfully integrated the PaLM2 API to retrieve accurate and up-to-date product information.
- Optimized backend processes for efficient data processing and generation of specification sheets.

GenEd Mate   2023 Dec - 2024 Feb

- Technologies Used: Flutter, Django, MySQL, Azure, GitHub Actions, GCP, Postman
- As a team lead, directed end-to-end development, ensuring adherence to project goals and timelines.
- Orchestrated integration of Generative AI for personalized learning content generation.
- Implemented secure data storage on Azure MySQL database server.
- Established automated testing and deployment pipelines with GitHub Actions, optimizing development workflows.

CERTIFICATIONS

- **IEEEXtreme17.0**
  - Participation certificate for a 24-hour global hackathon organized by IEEE.
- **IEEEXtreme 16.0**
  - Participation certificate for a 24-hour global hackathon organized by IEEE.