



SAMPATH KUMARA

SOFTWARE ENGINEER

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[sampath kumara](#)

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Suriyakanda

SUMMARY

I am a highly motivated individual who thrives on taking on challenges and staying productive. Always eager to learn and expand my skills, I excel both in collaborative team environments and when working independently. With enthusiasm and dedication, I always give my best to ensure success in every endeavor I undertake.

TECHNICAL SKILLS

- Programming Language:**
Java, JavaScript, TypeScript
- Databases:**
MySQL, PostgreSQL, MongoDB
- Frameworks:**
React, Next Js, Angular, Tailwindcss, Bootstrap, Spring Boot, Node JS, Nest Js
- Other Tools:**
Prisma, Figma, Postman, Git, GitHub, Agile Practice with Jira, Trello

EDUCATION

- B.Sc.(Hons.) in Information Technology** Expected in 2025
University of Moratuwa
 - CGPA - 3.10
- G.C.E Advanced Level Examination** Dec 2019
Physical Science Stream

WORK EXPERIENCE

- Software Engineer Intern, Aizenit** Jan 2024 - Jul 2024
 - Developed and enhanced features for Geniaez's product and Aizenit website using Angular including responsive designs and bug fixes.
 - Implemented new functionalities such as payment integrations, chatbot features, and mobile application development with Angular Capacitor.
 - Contributed to content creation, user support, and codebase optimization, including work on Smart Table and Smart Tagger libraries.
- Freelance Software Engineer, Fiverr** Oct 2023 - Oct 2024
 - Completed 40+ orders for international clients using Next.js, Tailwind CSS, Shadcn, Node.js, and Angular.
 - Developed strong skills in time management, client communication, and project coordination.
 - Delivered high-quality solutions, consistently meeting deadlines and exceeding client expectations.
- Software Engineer Intern (Part-time), AsyncDot** Jul 2023 - Mar 2024
 - Developed and maintained several projects, including a customizable POS system, utilizing a modern tech stack comprising Next.js, Node.js and React Native.
 - Implemented efficient backend solutions using tRPC, MedusaJS, and TypeORM, while integrating and consuming REST APIs to enhance application functionality.
 - Collaborated on frontend development using React.js and Tailwind CSS, ensuring responsive and user-friendly interfaces across web and mobile platforms.

SOFT SKILLS

Leadership | Team work | Communication skills | Project management | Time management

RESEARCH AND ACADEMIC PROJECTS

AI-Enhanced Mathematics Learning Framework for Visually Impaired Students in Sri Lanka (Ongoing)

Developing a personalized learning module for visually impaired 9th-grade students in Sri Lanka, utilizing AI-driven content generation, multi-modal delivery methods, and Natural Language Processing. This project aims to tailor educational materials based on visual impairment state and academic performance, potentially revolutionizing access to mathematical content for visually impaired learners.

Supermarket System - [🔗 Code Base](#)

Designed and developed scalable online supermarket platform through modular Spring Boot microservices handling user registration, product management and order fulfillment with real-time inventory sync.

Contribution: Back End Developer | Technologies: Spring Boot, MySQL

FIT Sixes 2024 - [🔗 Live demo](#)

Developed a responsive website for FIT Sixes 2024, a cricket tournament at the University of Moratuwa. Implemented user registration, event scheduling, and results display functionalities.

Contribution: Front End Developer | Technologies: Next Js, ShadeCN, Tailwind CSS, Threejs, Framer

COMMERCIAL PROJECTS

AI Product Selector - [🔗 Live demo](#)

AI-powered product analysis tool that quickly identifies top performers based on sales, demand, and customer satisfaction, enabling sellers to optimize inventory and stay ahead of trends.

Contribution: Front End Developer | Client: Analytic AI | Duration: May 2024 - Present

Technologies: Next Js, ShadeCN, Tailwind CSS, React Query

Mentor Cards - [🔗 Live demo](#)

Mentor Cards is a digital platform that enhances online training and therapy using projective cards, making digital meetings efficient and personal. It promotes learning and development anytime, anywhere.

Contribution: Front End Developer | Client: Mentor Cards | Duration: Oct 2023 - Nov 2024

Technologies: Angular, Angular Material, Bootstrap, CSS, I18N

BIM | Landing Page - [🔗 Live demo](#)

Developed a responsive multilingual landing page for BIM, a global dating app. Showcased key features and benefits, promoting user sign-ups and downloads across international markets.

Contribution: Front End Developer | Client: Fiverr Client | Duration: Aug 2024 - Sep 2024

Technologies: Next Js, ShadeCN, Tailwind CSS, I18N

VOLUNTEERING

- **Students' Union, Faculty of IT, University of Moratuwa**
Secretary (2022 Jul - 2023 Jul) | Committee Member (2021 Jun - 2022 Jul)
- **FIT Sixes 2K24 , Faculty of IT, University of Moratuwa**
Main Coordinator
- **EXMO 2023 - University of Moratuwa**
Batch Coordinator

INTERESTS

- Community Service | Event Planning | 3D Modeling | Web Designing | Carrom

REFERENCES

Mr. B.H. Sudantha

Dean,
Faculty of Information Technology,
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