

Isuru Shanaka

Computer Science Undergraduate

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Profile

Computer Science undergraduate with a strong foundation in full-stack development, specializing in Node.js and Next.js for scalable applications. Experienced in cloud computing and DevOps, including containerization, CI/CD, and cloud-native technologies. Passionate about automating deployments, optimizing performance, and exploring cloud infrastructure. Seeking to apply problem-solving skills and gain hands-on experience in full-stack development and cloud technologies.

Education

Bachelor of Computer Science	Reading
University of Ruhuna	
Current GPA – 3.62	
GCE Advanced Level	Aug 2020
St. Aloysius' College Galle	
2 A's and one C pass in Physical Science stream	

Projects

Final Year Project: Internship Management System

- Developed a Next.js-based web application with a microservices architecture.
- Implemented an API Gateway (Node.js) for authentication, authorization, and secure communication.
- Designed three services: Pre-Internship (Node.js) for managing applications and approvals, and Post-Internship (Spring Boot) for evaluations and feedback.
- Used MySQL as the database to handle internship-related data efficiently.

CeylonSaga.com

- Developed a Next.js-based travel website with a modern and dynamic user interface.
- Built a backend using Express.js and MongoDB for efficient data management and scalability.
- Implemented a CMS for content management, allowing admins to add and update tour packages and dynamic blogs.

Personal Details

Website

<https://isurushanaka.me>

Linkedin

<https://www.linkedin.com/in/isuru-shanaka-03a3a721b/>

Github

<https://github.com/IsuruSH>

Soft Skills

- User Interface Design
- User Experience Design (UED)
- Problem Solving
- Communication
- Analytical Skills
- Team Work
- Time management
- Collaboration
- Active listening

Programming Languages

- Nodejs
- Typescript
- C
- C++
- Java
- Python

Ruhuna Undergraduate Science Symposium Website

- Developed the official website for the University of Ruhuna Science Symposium 2025.
- Built using React and Vite, ensuring a responsive and user-friendly experience.
- Delivered a scalable and long-term hosted solution to support academic and research activities.

LimeHouseSL.com

- Developed a fully responsive and SEO-friendly website using Next.js.
- Designed an engaging user interface with smooth navigation and modern UI/UX principles.
- Optimized for performance and accessibility, ensuring a seamless browsing experience.

Tringledo.com

- Developed a fully responsive and interactive website using Next.js.
- Integrated Framer Motion for smooth animations and enhanced user experience.
- Optimized for performance and SEO, ensuring fast loading and accessibility.

Technologies

- Frontend Development: Next.js, React.js, Vite, Tailwind CSS, Framer Motion
- Backend Development: Express.js, Node.js
- Database Management: MySQL, MongoDB
- Version Control Systems: Git, GitHub
- Continuous Integration: GitHub Actions
- Deployment: Docker, Kubernetes, Nginx
- Cloud Services: AWS, Vercel

Extra-Curricular Activities

Program Team Leader, INSURGEX 1.0 Hackathon

- Led the program team in designing and developing problem statements which hosted in HackerRank.

Certificates

- Java For Beginners – 1st Step – [Link](#)
- Cisco Networking Labs in Cisco Packet Tracer – [Link](#)

References

Dr. K.D.C.G. Kapugama

Senior Lecturer

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Lecturer

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