

Sahan Chinthaka

Software Engineer Intern

✉ sahanchinthaka04@gmail.com ☎ +94 77 494 2166 📍 Colombo, Sri Lanka

🌐 sahan-chinthaka 🔄 sahan-chinthaka 🔗 Portfolio 📄 Sahan Chinthaka



PROFILE

I am a Software Engineering undergraduate with experience in full-stack web development, machine learning, and cloud computing. Skilled in using Next.js, React, and Express to build scalable applications and apply machine learning and cloud solutions to solve complex problems. Currently seeking a software engineering internship to further develop my skills and contribute to impactful projects.

EDUCATION

Bsc (Hons) in Software Engineering, August 2021 – present
Sabaragamuwa University of Sri Lanka

Diploma in Web Engineering, ESOF Metro Campus January 2018 – August 2018

PROJECTS

Pearl Hack 2.0, (Group Project) | Next.js | Firebase | SEO | Google OAuth 🔗

- Developed an interactive hackathon website for WIE Affinity Group of SUSL using Next.js with a chat-based registration system, enabling users to register teams via an intuitive chat interface.
- Integrated Firebase to store and manage team registration data, ensuring secure and real-time updates for organizers.

Smart Lottery Checker, (Group Project) | Flask | PyTorch | Web Scrapping | OCR 🔗

- Built the backend for a mobile app that scans lottery images, classifies lottery types using PyTorch, and extracts winning numbers and dates using EasyOCR.
- Developed a Flask API to process lottery type classification with 90% accuracy and extract lottery data from scanned images.
- Implemented web scraping with BeautifulSoup to fetch and store lottery results in Firebase Firestore, reducing query response.

Lesal Auto World, (Group Project) | Next.js | TailwindCSS | Stripe | MongoDB 🔗

- Created an e-commerce platform for vehicle and part sellers using Next.js, with MongoDB for dynamic data storage inventory management.
- Integrated Stripe payment gateway, processing secure transactions for vehicle parts orders with a 100% success rate.

Vishwa Institution Management System, (Group Project - Ongoing) | Next.js | Clerk | MongoDB 🔗

- Developing a comprehensive web platform for Vishwa Higher Education Institute using Next.js to modernize student and class management processes.
- Designing features to digitize key operations, including student registration, class scheduling, fee management, and attendance tracking, reducing manual workload by 80%.

Find It, (Group Project) | Next.js | PostgreSQL | Gemini AI | Google Map API [↗](#)

- Built a lost-and-found platform using Next.js and PostgreSQL, allowing users to report lost items with descriptions, images, and suspicious locations.
- Integrated Google Map API for location tracking and Gemini AI for feature extraction (color, text, etc.), facilitating accurate matching of lost and found items.

Meal Mate, (Group Project) | React | SCSS | Firebase [↗](#)

- Developed a meal-ordering platform for restaurant owners using React and Firebase, allowing owners to upload meals and users to browse and order from a centralized platform.
- Implemented an admin panel for restaurant owners to manage meal listings and orders efficiently.

VOLUNTEERING

IEEE Student Branch of SUSL, Webmaster [↗](#)

September 2023 – September 2024

PearlHack 2.0, Web Committee Team Leader [↗](#)

November 2023 – February 2024

STEMUP, Instructor at CoderDojo [↗](#)

January 2024

TECHNICAL SKILLS

Computer Languages

- TypeScript
- JavaScript
- Python
- PHP
- Java
- C
- C#

Frameworks/Libraries

- Next.js
- React
- Express
- PyTorch
- Flask
- jQuery
- TailwindCSS

Databases

- MySQL
- PostgreSQL
- MongoDB
- Firebase
- Supabase
- SQLite
- Redis

Tools

- Docker
- GitHub
- Vercel
- Selenium
- Postman
- Node.js
- Figma

SOFT SKILLS

- Problem Solving
- Critical Thinking
- Communication Skills
- Teamwork
- Leadership
- Flexibility
- Adaptability
- Creativity

CERTIFICATES

- Python & Data Analytics [↗](#)
- AWS Cloud Technical Essentials [↗](#)

LANGUAGES

- English
- Sinhala

REFERENCES

Mr. Dilum Navanjana

Lead Backend Developer,
Personio.

Email: dilum.navanjana@personio.de [↗](#)

Telephone: +31 6 44783071 [↗](#)

Mrs. Nirubika Ravikumar

Lecturer,
Department of Software Engineering,
Faculty of Computing,
Sabaragamuwa University of Sri Lanka.

Email: niru@foc.sab.ac.lk [↗](#)

Telephone: +94 77 910 8852 [↗](#)