Hishanth Puvanendramoorthy
Software Engineer

✉ hishanthp01@gmail.com   in Hishanth P   ⌨ hishanthp1231   🔗 My Portfolio   📍 Colombo-06   📞 +94715238154

PROFILE

I am a Computer Science graduate seeking an Associate Software Engineer position. I have hands-on experience in Spring Boot, React, and version control tools like Git and GitHub. After completing my internship, I have gained practical exposure to real-world software development, teamwork, and delivering tasks on time. I also bring strong leadership and team-leading capabilities, along with a passion for learning new technologies and building efficient, scalable software solutions.

PROFESSIONAL EXPERIENCE

Backend Engineer - Intern, *Samuel Gnanam IT Center*   07/2025 – 01/2026 | Jaffna
During my internship, I strengthened my skills in Java, Spring Boot, React, and TypeScript, while also gaining hands-on experience with Git and GitHub for version control. I led a small backend team, managing task assignments and handling code reviews, merges, and pull requests. As part of a team project, we collaboratively designed and developed a hotel management system, which further enhanced my teamwork, problem-solving, and time-management skills.

PROJECTS

Hotel Management System ⧉
Built a full-stack Hotel Management System as a team project using **React TypeScript, Spring Boot, and MySQL**, featuring hotel CRUD with pagination, room reservations, housekeeping workflows, customer management, invoicing, and analytics. Implemented secure JWT authentication, role-based access control, React Hook Form and integrated **TailwindCSS, Axios, and Spring Security** to ensure a scalable and maintainable architecture.

My Portfolio ⧉
Developed a personal **Portfolio website** to showcase my projects, skills, and experience in software development. Built using **React.js, TailwindCSS, and responsive design principles**, the website features interactive project showcases, contact forms, and a clear presentation of technical skills. The site highlights my full-stack development experience and serves as a professional platform for potential employers to review my work.

PUBLICATIONS

7th INTERNATIONAL RESEARCH CONFERENCE - 2025 (TRInC 2025), *A*   23/10/2025
Genetic Algorithm - Based Intelligent System for Automated University
Exam Time table Generation ⧉
Developed a web-based automatic exam scheduling system for the Universities using **React, Node.js, and MongoDB**, powered by a **Genetic Algorithm** to generate conflict-free and capacity-aware exam timetables. The system automates exam allocation, prevents student clashes, optimizes venue usage, and provides an intuitive admin interface for timetable generation. This project significantly reduces manual planning effort and improves fairness and efficiency in academic scheduling.

EDUCATION

BSc in Computer Science,   06/2022 – 06/2025 | Trincomalee, Sri Lanka
Trincomalee Campus, Eastern University Of Sri Lanka

SKILLS

Development Technologies
Java | C++ | PHP | Python | HTML | CSS | JavaScript | React

Version Control
Git | GitHub

Database Management
MongoDB | MySQL

Cloud Technologies
AWS | Microsoft Azure | SaaS (Software as a Service)

REFERENCES

Sanjeevan Sathiyamoorthy, *Solutions Engineer,* Cisco Systems Management B.V.
ssathiya@cisco.com, +94 777 563 223

Kamsajini Kirushnalingam, *Head of HR,* Samuel Gnanam It Center
kamsa0622@gmail.com, +94 77 564 6019