Hishanth Puvanendramoorthy

Software Engineer

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

🪪 PROFILE

Computer Science graduate with hands-on experience in backend and full-stack development using Java, Spring Boot, Node.js, and React. Experienced in building RESTful APIs, implementing JWT-based authentication, deploying applications to Microsoft Azure, and working with cloud databases. Strong team leadership, problem-solving skills, and a passion for building scalable, production-ready software solutions

💼 PROFESSIONAL EXPERIENCE

Backend Engineer - Intern   07/2025 – 01/2026 │ Jaffna
Samuel Gnanam IT Center

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.

🏛 RESEARCH & ACADEMIC PROJECT

7th INTERNATIONAL RESEARCH CONFERENCE - 2025 (TRInC 2025) 🔗   23/09/2025

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.

📁 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.

Task Management 🔗

Built and maintained a Task Management system using Node.js, Express, and MongoDB, enabling users to create, assign, track, and update tasks with defined statuses. Implemented secure JWT-based authentication, role-aware access control, and RESTful APIs following industry best practices. Deployed the application to Microsoft Azure using Azure App Service with a cloud-hosted MongoDB database, and implemented CI/CD pipelines for automated build and deployment. Focused on clean architecture, data validation, and scalable design to support reliable task workflows and efficient collaboration.

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.

🎓 EDUCATION

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

🧠 SKILLS

Development Technologies — Java │ C++ │ Python │ JavaScript │ Node.js │ Express.js │ React │ HTML │ CSS

Database Management — MongoDB │ MySQL

Cloud Technologies — Microsoft Azure │ AWS │ CI/CD │ SaaS

Version Control — Git │ GitHub

🔧 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