

SANKEETH SITHAMPARANATHAN

Software Technology Undergraduate

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Summary

Software Technology Undergraduate at the University of Sri Jayewardenepura with hands-on experience in full-stack web development with React, Node.js, and MongoDB. Experienced in building authentication systems, REST APIs and role-based applications through hands-on projects. Strong problem-solving mindset, clean coding practices, and eager to contribute to real-world software products as a Full Stack / Software Engineer Intern.

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js (Hooks, Context API, Routing), Next.js (basic), Tailwind CSS, Responsive UI Design, Vite
Backend: Node.js, Express.js, REST API Development, JWT Authentication, bcrypt, Socket.io (Real-Time Communication), Multer (File Uploads)
Databases & Cloud: MongoDB (Mongoose), MySQL, Firebase (Auth & Firestore), Google Cloud (basic)
Tools & Platforms: Git, GitHub, Postman, Firebase Console, Cursor AI, GitHub Copilot, ChatGPT, VS Code
Concepts & Architecture: CRUD Operations, Authentication & Authorization, Role-Based Access Control (RBAC), MVC Architecture, WebSockets, API Security Basics, Rate Limiting, Input Validation
Development Practices: Version Control, RESTful Design, Clean Code Practices, Agile Collaboration, API Documentation

Projects

MediLink – Doctor Appointment Booking System (GitHub Link) | *React, Node.js, Express, MongoDB, JWT, Tailwind*

- Developed a multi-role system (Patient, Doctor, Admin) using JWT authentication and bcrypt for secure access.
- Engineered appointment scheduling with time-slot validation and a comprehensive admin dashboard for tracking..
- Designed a responsive UI with Tailwind CSS and integrated Multer for medical file uploads.

OnlyFarmers – Agricultural E-Commerce Platform (GitHub Link) | *React, Node.js, Express, MongoDB, Socket.io, JWT*

- Created a MERN marketplace connecting farmers, buyers, and transporters with specialized role-based authentication.
- Implemented real-time auction bidding using Socket.io & developed secure REST APIs with rate limiting and validation.
- Optimized frontend performance with Vite and integrated secure image uploads via Multer.

AuthFlow – Full Stack Login & Registration System (GitHub Link) | *React, Node.js, Express, MongoDB, JWT, Tailwind*

- Built a secure MERN-based authentication system featuring JWT, password hashing, and protected routes.
- Implemented Role-Based Access Control (RBAC) and designed a fully responsive UI using Tailwind CSS.

Experience

Yuga Yatra Retail (OPC) Pvt Ltd

Aug 2025 – Oct 2025

Software Engineer Intern (Remote)

Bengaluru, Karnataka, India

- Contributed to web application development using AI-assisted tools and Firebase, supporting real-time features and deployments; Worked on real-time client projects and freelancing workflows.
- Collaborated with team members using Google Workspace; Gained exposure to deployment, client requirements, and production workflows.

Education

University of Sri Jayewardenepura

2023 – Present

Bachelor of Information and Communication Technology (BICT Hons.)

CGPA: 3.13/4.0

Certifications

React.js Bootcamp: LetsUpgrade (2025)
Git & GitHub Bootcamp: LetsUpgrade (2025)
Roadmap to Full Stack Developer (MERN): NoviTech (2025)
Python Fundamentals: University Of Moratuwa (2024)

References

Dr. D.L. Chamara Pramod Liyanage

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