

# 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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### Mrs. Upeksha Hansani

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