

# SULOCHANA GUNAWARDHANA

## SOFTWARE ENGINEER-INTERN

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 [Sulochana Gunawardhana](#) |  [Sulochana Gunawardhana](#) | [PortFolio](#)

### SUMMARY

Proactive and achievement-driven BICT (Hons) undergraduate with a solid foundation in software development, specializing in the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in database management, full-stack development, and responsive web design. Proven ability to design and deploy robust applications through academic projects. Seeking an opportunity as a Software Engineer Intern to apply my technical skills and contribute to innovative projects in the software development industry.

### EDUCATION

**Bachelor of Information and Communication Technology (Hons) in Software Engineering,**  
**University of Vavuniya**

Jul 2021 - Present

### PROJECTS

#### Expense Tracking Application

Tools: *React.js, Node.js, MongoDB, Express.js*



- Built a full-stack expense tracking application using the MERN stack
- Engineered a secure backend with Node.js and Express, connecting to MongoDB for data storage
- Crafted a dynamic and interactive front-end using React.js for a seamless user experience
- Applied RESTful API architecture for efficient data communication between front-end and back-end

#### AI Travel Planner

Tools: *React.js, Gemini AI, Firebase, TailwindCSS*



- Created an AI-powered trip planner that provides smart travel recommendations
- Integrated Gemini AI for personalized itinerary generation based on user preferences
- Utilized Firebase for real-time data storage and seamless user experience
- Planned a modern, responsive UI using TailwindCSS for an intuitive user interface

#### E-Commerce Website

Tools: *React.js, Node.js, MongoDB, Express*



- Developed a full-stack e-commerce platform, featuring real-time product browsing and purchasing
- Enforced secure authentication with access/refresh tokens, OTP verification, and password recovery
- Structured a scalable backend architecture to efficiently manage products, orders, and user data
- Optimized the front-end with React.js for a seamless and responsive shopping experience

#### Quiz Application

Tools: *React.js, Node.js, Express.js, MongoDB*



- Engineered a full-stack quiz application with real-time question management and scoring
- Designed a MongoDB database to store quiz questions, user responses, and results
- Developed an interactive React.js front-end with a dynamic timer and leaderboard
- Executed a secure and scalable backend using Node.js and Express.js for seamless data handling

### SKILLS

- **Programming Languages:** HTML, JavaScript, CSS, Java, SQL, C++, C.Net Framework
- **Frameworks and Tools:** React.js, Node.js, Tailwind CSS, Express.js, MongoDB, MySQL, Firebase
- **UI/UX Design:** Adobe XD, Figma
- **Soft Skills:** Problem-Solving, Time Management, Adaptability, Critical Thinking

### CERTIFICATIONS

- **Coding for Everybody-Full Stack Development Course**  
(Certificate Of Completion - Udemy - 2024)

### REFERENCES

#### Ms. T. Amritha

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