SULOCHANA GUNAWARDHANA

SOFTWARE ENGINEER-INTERN

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in 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

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

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

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

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