Supun Tharindu

Undergraduate at SLIIT,
BSc IT (Hons), Specialized in Information Technology

🏠 258/1 ,Hakuruwela, Sri Lanka. 82248
📞 (+94) 76 0426423
✉ supuntharindu1125@gmail.com
in linkedin.com/in/supun-tharindu
⌥ github.com/supuntharindu123
https://www.supuntharindu.me/

Profile Summary

I am a third year undergraduate at SLIIT. Highly motivated and results-driven **Software Engineering Intern** candidate with a strong foundation in **object-oriented programming**, and **full-stack development**. Proficient in modern web technologies including **React.js, Node.js, Django, Spring Boot**, and **MongoDB**. Actively expanding skill set with **AWS cloud services** and **.NET development**. Eager to apply theoretical knowledge and practical skills to real-world engineering challenges within a dynamic software development team.

Education

Sri Lanka Institute of Information Technology (SLIIT) | Malabe

BSc (Hons) in Information Technology (Specialized in IT) | **Oct 2022 – Present**
- Completed a **Higher Diploma in IT**
- Successfully completed **Year 3, Semester 1** without repeats

Rajapaksha Central College | Weeraketiya

  Advanced Level Examination (2021)
- Chemistry (B), Physics (B), Combined Mathematics (C)

  Ordinary Level Examination (2017)
- Science (A), Mathematics (A), English (C), Entrepreneurship Studies (A), History (A), Sinhala (B)

Technical Skills

Programming Languages: Python, Java, C#, C++, C, JavaScript (ES6+), Kotlin, SQL, PHP, R

Backend Frameworks: Node.js (Express.js), Django, Spring Boot, Nest.js, Flask, .NET (ASP.NET Core), RESTful API Design

Frontend Technologies: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Redux

Cloud Platforms: AWS (Amazon Web Services) - *Currently learning*

Databases: MongoDB, MySQL, PostgreSQL, SQLite

Core Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, Software Design Patterns, System Design Principles, Database Management

Tools & Methodologies: Git, GitHub, VS Code, Eclipse, Android Studio, IntelliJ IDEA, Figma (UI/UX), Postman (API Testing), Agile Development (Scrum/Kanban)

Projects

Resume Analyzer(individual) 🔗

- **Technologies: MERN Stack, Flask, Natural Language Processing (NLP), Google OAuth, JWT, OTP Verification ,Microservices Architecture**
- Description: Developed a full-stack AI-powered Resume Analysis system designed to revolutionize hiring by precisely matching resumes to job descriptions, optimizing recruitment processes, and assisting job seekers.
  - Engineered robust user authentication with Google OAuth and custom email/password, including OTP verification for secure registration and password resets.
  - Implemented real-time resume analysis providing a comprehensive match score and detailed keyword extraction to align skills with job requirements.
  - Integrated automated formatting suggestions to optimize resume structure and enhance readability.

Shopping Mall Management System(Group Project) 🔗

- **Technologies: MERN Stack, Role-Based Access Control, RESTful APIs**
- Description: Built a comprehensive Shopping Mall Management System to streamline operations and enhance user engagement.
  - Designed and implemented a secure User Management System with authentication, profile management, and role-based access control (RBAC).
  - Developed a robust Shop Management module featuring a store directory, transaction processing, and sales analytics dashboards.
  - Created an efficient Parking System with real-time availability tracking, booking management, and optimized space allocation.
  - Engineered a Membership System offering tiered benefits, points/reward tracking, and special access management.

Vehicle Advertisement System(individual) 🔗

- **Technologies: MySQL, Django (Python), Bootstrap 5**
- Description: Engineered a dynamic, web-based Vehicle Advertisement System focused on enhanced user experience.
  - Implemented advanced search and filter functionalities for intuitive vehicle discovery.
  - Developed and integrated secure post advertisement functionality with comprehensive data validation.
  - Integrated robust user authentication for secure access and personalized experiences.
  - Optimized for responsive design, ensuring seamless interaction across various devices and screen sizes.

Advance Task Management Web Application(individual) 🔗

- **Technologies: MERN Stack, Google OAuth, JWT, OTP Verification, RESTful APIs, PDF Generation**
- Description: Developed a full-stack Task Management System with advanced features for efficient workflow and collaboration.
  - Implemented secure user authentication using Google OAuth and custom email/password, including OTP verification.
  - Engineered complete task lifecycle management: create, update, assign, track status (pending/in-progress/completed), and attach multiple files with type validation.
  - Built comprehensive admin capabilities for user role management, account status toggling, task tracking, and PDF report generation.
  - Designed a responsive, secure UI with real-time updates, form validation, and protected routes, powered by RESTful APIs.

Social Media Platform(individual) 🔗

- **Technologies: MongoDB, Express.js, Node.js, Socket.io(Implicit for real-time), RESTful APIs**
- Description: Developed a scalable Social Media Platform enabling user interaction and content sharing.
  - Implemented core features including user authentication, real-time messaging, and comprehensive post interactions (likes, comments).
  - Designed a robust follow/unfollow system and detailed profile management.
  - Ensured data integrity and user experience through live validation on various interactions.

Live Chat Application(individual) 🔗

- **Technologies: Express , React , Node , MongoDB , WebSockets (e.g., Socket.IO)**
- **Description:** Created a real-time Live Chat Application facilitating instant communication.
  - Implemented core messaging functionalities: send, delete, and edit messages.
  - Integrated file sharing capabilities to enhance communication and collaboration.

Online Class Management System (Team Project) 🔗

- **Technologies: React, Node, MongoDB, Express, Tailwind CSS**
- Description**:** Collaborated on a web-based platform for Online Class Management, enhancing educational workflows.
  - Developed features for class scheduling, exam management, and automated notifications.
  - Implemented live chat functionality for each class, fostering real-time interaction between students and instructors.

YouTube Clone(individual) 🔗

- **Technologies: React.js, Tailwind CSS, YouTube Data API, API Integration**
- Description: Created a functional YouTube-like video browsing platform showcasing strong frontend development and API integration skills.

- ○ Utilized the YouTube Data API to fetch and display video content dynamically.
  - ○ Focused on building a responsive and intuitive user interface with Tailwind CSS.

Task Management App (Mobile) 🔗

- **Technologies: Kotlin, SQLite, Android Development**
- Description: Developed a native mobile Task Management Application for Android devices.
  - ○ Implemented full CRUD (Create, Read, Update, Delete) functionality for task management.
  - ○ Utilized SQLite for efficient local data persistence.

Additional Information

- **Language**: English (Intermediate), Sinhala (Native)
- **Interests**: Web & Mobile application development, problem-solving.