

Supun Hashintha

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PROFILE

I am an undergraduate Bachelor of Information Technology (BIT) student at the University of Moratuwa with practical experience in software engineering gained through my internship at the Sri Lanka Ports Authority. During my internship, I contributed to the development of enterprise-level web applications using Angular, Spring Boot, Java, MySQL, and RESTful APIs while following Agile methodologies and Software Development Life Cycle (SDLC) best practices. I am also proficient in React.js, Node.js, Express.js, MongoDB, Git, Docker, and UI/UX design. Passionate about software engineering, DevOps, and artificial intelligence, I enjoy building reliable and scalable software solutions, solving complex problems, and continuously expanding my knowledge of emerging technologies.

WORK EXPERIENCE

Software Engineer Intern – SLPA (Information System Division) Jan 2026 – Jul 2026

- Contributed to the development and maintenance of the Electronic Documents Digitization System (EDDS) using Angular, Spring Boot, Java, MySQL, and RESTful APIs.
- Redesigned the frontend UI for a system used by department staff, reducing reported navigation-related complaints and improving page load consistency across modules
- Developed and enhanced enterprise-level web application modules following Agile methodologies and Software Development Life Cycle (SDLC) practices.
- Contributed to the development of the Head of Department (HOD) Module by implementing business logic and integrating system features.
- Optimized MySQL schema and queries for the HOD module, cutting query response time for [specific report/feature].
- Collaborated with software engineers and business stakeholders to analyze requirements, implement new features, and resolve application issues.
- Used Git for version control and collaborated with the development team through code integration and change management.
- Applying software engineering best practices including clean code principles, reusable component design, debugging techniques, performance optimization, and maintaining high-quality production-level code.

PROJECTS

Workie.lk: Freelance Worker Platform (Group) [GitHub Repository](#)

- Developed a full stack web app using React.js, Node.js, Express.js and MongoDB.
- Implemented secure user authentication and role-based authorization for clients and service providers.
- Developed a full-stack freelance marketplace that connects clients with skilled service providers across multiple categories.
- Designed and integrated features including job posting, service listings, search and filtering, booking requests, reviews, and user profiles.
- Applied RESTful APIs, responsive UI design, Git/GitHub, and Agile methodology.

AI ChatBot: Movie and Teledrama Script Writing [GitHub Repository](#)

- Designed a responsive and modern user interface using Next.js, TypeScript, and Tailwind CSS.

- Developed an AI-powered script writing application that generates high-quality scripts from user prompts.
- Added prompt management and input validation to improve user experience and output quality.
- Implemented user authentication and personalized script history.

EventEase: Event Management Web App [GitHub Repository](#)

- Developed a web-based event management platform to simplify event planning, registration, and participant management.
- Built a responsive and interactive user interface using React.js and Tailwind CSS.
- Implemented user authentication and real-time data management using Firebase Authentication and Cloud Firestore.

CryptoAnalyzer: AI-Powered Crypto Chart Analysis Platform (ongoing) [GitHub Repository](#)

- Developed a full stack web using Next.js, TypeScript, FastAPI, PostgreSQL and Tailwind CSS with responsive UI.
- Developed a full-stack SaaS web application that analyzes TradingView chart screenshots and generates AI-based BUY/SELL/HOLD trading signals with confidence scoring
- Built a scalable frontend using Next.js App Router with a responsive glassmorphism UI, dark-mode-first design, and reusable component architecture.
- Implemented FastAPI backend services with PostgreSQL for storing user data, analysis history, and subscription-related information
- Designed a multi-page dashboard including authentication, pricing tiers, chart analysis workflow, and history with optimized state management.
- Containerized backend services using Docker for a production-ready development environment.

EDUCATION

2026 – Present	Bachelor of Information Technology (BIT) University of Moratuwa (Currently Reading)
2022 – 2025	National Diploma in Technology (Information Technology) Institute of Technology, University of Moratuwa
2018 – 2021	G.C.E. Advanced Level (Physical Science Stream) Combined Mathematics, Physics, Chemistry

TECHNICAL SKILLS

Programming Languages	Java, JavaScript, Python, SQL
Frontend Development	React.js, Angular, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Web Design, UI/UX Design
Backend Development	Spring Boot, Node.js, Next.js, RESTful APIs, Microservices
Database Management	PostgreSQL, MySQL, MongoDB
Version Control	Git, GitHub
Development Tools & IDEs	IntelliJ IDEA, VS Code, Antigravity, Postman, Figma, Canva, Maven
Software Engineering	Agile (Scrum), SDLC, Object-Oriented Programming (OOP), Design Patterns, Clean Code Principles, Debugging
Other Skills	Problem Solving, Team Collaboration, Communication, Performance Optimization

CERTIFICATIONS

2023	Certificate in English Language with Distinction	NIBM
2025	Linux Challenges	KodeKloud
2025	Docker Training Course for the Absolute Beginner	KodeKloud
2025	AWS Cloud Computing	ITUM

REFERENCES

Mr. B. Panduka Darshana
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