

Nadun Dilshan

Associate Software Engineer

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PROFILE

Software Engineering graduate with 1.3+ years of industry experience in designing, developing, and maintaining modern web applications. Experienced in full-stack development using Next.js, React, Node.js, Express, MongoDB, Go, and PostgreSQL, with a strong focus on scalable architectures, clean code practices, and user-centric solutions. Proven ability to collaborate effectively within cross-functional teams and deliver high-quality software in fast-paced environments.

SKILLS AND TECHNOLOGIES

- **Programming Languages:** Go, TypeScript, JavaScript, SQL, PHP, Kotlin, Java
- **Web Development:** Node.js, Express.js, React.js, HTML, CSS, Tailwind CSS, Material UI, Laravel
- **Tools and Libraries:** MERN Stack, GitHub, MongoDB, PostgreSQL, VS Code, Android Studio, Eclipse, Visual Studio, Postman, Adobe Illustrator, Figma, Adobe Photoshop
- **Soft Skills:** Communication, Strong Decision Maker, Problem-Solving, Time Management

WORK EXPERIENCE

Associate Software Engineer - BotCalm - Pvt Ltd

August 2025 - June 2026

- Worked on full-stack development using Go, Node.js, Next.js, and React to build scalable iGaming and compliance platform features.
- Integrated multiple payment gateways including Plaid, LinkMoney, and NowPayments to support diverse deposit and withdrawal flows.
- Implemented transactional and marketing email pipelines using Klaviyo for automated and event-driven user communications.
- Worked with compliance software and identity verification systems using Shufti Pro to support secure onboarding and regulatory requirements.
- Collaborated in Agile teams, participating in sprint planning, daily stand-ups, and code reviews to deliver high-quality features efficiently.

Intern Software Engineer - BotCalm - Pvt Ltd

February 2025 - August 2025

- Built and maintained full-stack web applications using Node.js and Next.js with MongoDB and PostgreSQL.
- Developed features for an iGaming application, delivering performant and scalable backend services and responsive frontend interfaces.
- Worked in an Agile development environment to ensure timely delivery of bug fixes and feature enhancements.
- Actively participated in daily stand-ups, sprint planning, and retrospectives to improve team collaboration and productivity.
- Collaborated with cross-functional teams to support smooth project execution and delivery.

Freelance Software Developer

June 2022 - Present

- Developed and delivered full-stack web applications for clients using Next.js and Node.js based on real-world business requirements.
- Integrated secure online payment processing using PayHere for seamless transactions.
- Collaborated with clients in remote environments and conducted field visits to gather requirements, provide project updates, and deliver tailored software solutions.
- Managed project timelines effectively to ensure on-time delivery of features and complete systems.

PROJECTS

Leave Management System for Ministry of Fisheries Sri Lanka - Individual Project [GitHub Repository](#)

- Built using PHP and SQL with admin/user registration, session-based login, leave request handling, approval workflow, and PHPMailer integration for email notifications.

Guardo SDK / Authentication Engine - Individual Project [GitHub Repository](#)

- Designed and developed Guardo, a production-ready authentication SDK for Node.js and Next.js applications.
- Built a modular and reusable architecture with secure authentication, encryption, and token handling.
- Packaged as a developer-friendly SDK for easy integration into external applications.
- Created and maintained a documentation and demo platform at <http://guardo.nadun.me> to showcase features and usage.

Learning Management System - Individual Project [GitHub Repository](#)

- Developed using MERN Stack, Tailwind CSS, and Material UI with features including user authentication, authorization, role identification, and dashboards.

Ecommerce Application - Individual Project [GitHub Repository](#)

- Created with MERN Stack, Tailwind CSS, and Material UI, featuring user registration/login with JWT, product management for managers, product search, favorites, cart, purchases, store ratings, and product availability checks for customers

Event Management System - Individual Project [GitHub Repository](#)

- Developed using Java Servlet and SQL with features like user authorization, role identification, and dashboards

Job Portal App - Individual Project [GitHub Repository](#)

- Created using Android Studio and Kotlin, featuring job seeker and employer registration, job applications, and employee search capabilities.

EDUCATION

BSc (Hons) in Information Technology (Specializing in Software Engineering) 2021 – 2026

Sri Lanka Institute of Information Technology

CERTIFICATIONS

- SLIIT XTREME Hackathon 2.0 (2023) - 2nd Place
- Certificate in Python (University of Moratuwa, Sri Lanka)
- Certificate in English (Cambridge College, Kandy)