

# H.M.N.A. Dilhani Herath

FULL STACK DEVELOPER | SOFTWARE ENGINEER

Newport RI, USA

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## Profile

I am a Software Engineer with a proven ability to turn ideas into robust, scalable applications that address real-world business challenges. I specialize in building efficient, maintainable software solutions that align with organizational goals and user needs. With experience in both team-driven and independent roles, I bring strong problem-solving skills, critical thinking, and a forward-looking mindset to every project. I thrive in dynamic environments, continuously adapting to changing priorities, technologies, and business requirements. My expertise includes translating business objectives into technical strategies, driving development from concept to deployment, and contributing to high-performing engineering teams.

## Education

### Bachelor of Business Administration, International Business

SEINÄJOKI UNIVERSITY OF APPLIED SCIENCES

Seinäjoki, Finland

Coursework Done Sep. 2024 - 2025

### Bachelor of Information Technology

UNIVERSITY OF MORATUWA

Moratuwa, Sri Lanka

Mar. 2017 - Mar. 2019

### Higher National Diploma in Information Technology

HARDY ADVANCED TECHNOLOGICAL INSTITUTE - (SLIATE)

Ampara, Sri Lanka

Mar. 2013 - Mar. 2015

## Experience

### Software Engineer

J. ARTHUR & Co.

Newport, USA

Dec. 2023 - Oct. 2025 - Present

- Designed and developed full-stack applications and updated legacy systems to enhance performance, stability, and maintainability.
- Led Agile development cycles, collaborating with product managers, designers, and QA engineers to deliver user-focused and business-aligned solutions.
- Developed an internal CRM with AI-driven features, a sports coaching platform with performance tracking and messaging, and an SMS gateway for marketing campaigns, improving efficiency and user engagement.
- Enhanced the development workflow by preparing reliable production builds, identifying deployment risks early, and coordinating with the operations team to ensure smooth releases.
- Modernized existing systems by refactoring outdated components and improving overall performance and stability.

### Senior Software Engineer

ESOFT TECHNOLOGIES (PVT) LTD.

Colombo, Sri Lanka

Apr. 2022 - Jul. 2024

- Managed full-stack application development across the entire SDLC using Agile and Waterfall, ensuring timely, high-quality delivery.
- Built robust, maintainable code bases following OOP principles and best practices (SOLID, DRY), while mentoring junior developers and conducting code reviews.
- Collaborated with cross-functional teams and clients to translate complex business requirements into scalable and efficient technical solutions.
- Developed a cloud-based POS system functioning as a mini ERP with real-time inventory tracking, sales monitoring, and back-office integration, and a web-based exam administration system supporting secure, multimedia-enabled assessments with automated results.

## Senior Software Engineer

Colombo, Sri Lanka

ESOFT METRO CAMPUS (PVT) LTD.

Apr. 2018 - Apr. 2022

- Delivered scalable software solutions across finance, e-commerce, ERP, CRM, POS, marketing, and educational domains using structured SDLC approaches.
- Conducted security audits to enhance system integrity, covering server OS, software versions, authentication, SSL management, and credential policies.
- Developed key systems such as a fully automated internal finance system, online exam quiz portals for ESOFT and CEYLINCO, and the CLOUD POS inventory system, improving operational efficiency, accuracy, and user experience.
- Led technical strategy by aligning technology initiatives with organizational goals, implementing digital improvements, and optimizing infrastructure for long-term scalability.

## Web Developer

Colombo, Sri Lanka

KPO LANKA (PVT) LTD. - FORMERLY CEYGATE TECHNOLOGY (PVT) LTD

Jun. 2016 - Mar. 2018

- Developed full-stack web applications using frameworks such as Laravel, Zend, Symfony, and CodeIgniter, delivering scalable, maintainable, and high-performance solutions.
- Built and maintained WordPress websites, managing both front-end and back-end components to ensure seamless functionality.
- Led key projects such as the Forever Memories System, Church Donation System, Track and Field Star System, and various WordPress websites, ensuring timely delivery and quality outcomes.

## Web Developer

Colombo, Sri Lanka

CEYLON LINUX (PVT) LTD.

Mar. 2015 - Jun. 2016

- Developed full-stack web applications using frameworks such as Laravel and CodeIgniter, contributing to both front-end and back-end functionality.
- Used the full software development lifecycle, including requirements gathering, coding, testing, debugging, deployment, and documentation.
- Delivered systems such as the Chelcey Tea Distribution Management Platform, Siddhalepa and Leader applications, Apple Trade Sales Force Automation, and Alliance Finance reporting systems, ensuring performance, accuracy, and reliability.

## Technologies

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- **LANGUAGES:** PHP, JAVASCRIPT, SQL
- **MVC FRAMEWORKS:** LARAVEL, CODEIGNITER
- **FRONTEND FRAMEWORKS:** VUE JS, REACT JS, BOOTSTRAP, TAILWIND
- **DATABASES:** POSTGRES, MYSQL AND MONGODB
- **CMS:** WORDPRESS
- **WEB SERVERS:** APACHE, NGINX
- **OS:** LINUX, WINDOWS
- **VERSION CONTROL:** GIT (GITHUB, BITBUCKET)
- **OTHER:** NODE.JS, HTML, CSS, JQUERY, AWS (S3), POSTMAN, PHOTOSHOP, ILLUSTRATOR, SLACK, JIRA, DROPBOX, CANVA

## Skills

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### Soft

- TEAM COLLABORATION, PROBLEM-SOLVING
- ADAPTABILITY, TIME MANAGEMENT
- ACCOUNTABILITY
- CONFLICT RESOLUTION
- ATTENTION TO DETAIL
- EMPATHY & USER FOCUS