

KAVINDYA KARIYAWASAM

SOFTWARE ENGINEERING INTERN

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[Github](#) • [LinkedIn](#) • [Medium](#) • [Portfolio](#)



PROFESSIONAL SUMMARY

Third-year IT undergraduate at the University of Moratuwa with a CGPA of 3.92/4.00 and hands-on experience across Java, Js/Ts, React/React Native, AWS serverless architecture. Skilled in applying OOP, software design principles, and cloud-based systems to build scalable and reliable solutions. Demonstrated leadership and teamwork through sports, hackathons, and collaborative university projects. Passionate about designing impactful technology, embracing continuous learning, and contributing as a Software Engineering Intern to deliver enterprise-grade solutions that power real-world systems.

EDUCATION

BSc (Hons) in Information Technology
University of Moratuwa, Sri Lanka

2023 – Present
CGPA: 3.92/4.00

G.C.E. Advanced Level - Physical Sciences
D. S. Senanayake College, Colombo

2019 – 2022
Physics: A, Mathematics: B, Chemistry: B, English: A

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, C, TypeScript, C#(Learning)

Frameworks: React Native, React, Angular, Spring Boot, Node, Express, ASP.NET Core, Tailwind

Cloud Technologies: AWS (Lambda, Cognito, RDS, API Gateway, Amplify), Azure

Databases: MySQL, PostgreSQL, MongoDB

Tools & Methodologies: Git, GitHub, Docker, Postman, Swagger, Figma, Jira, Agile

WORK EXPERIENCE

Software Developer – Academic Collaboration
Ayman Tech Global Ltd., UK (Remote)

December 2024 – July 2025

- Collaborated with UK-based startup as part of academic partnership to develop healthcare management MVP
- Architected and delivered production-ready mobile application and serverless backend infrastructure

PROJECTS

ATG Healthcare Management System

December 2024 – July 2025

- Led mobile development for cross-platform healthcare app supporting secure client-care navigator workflows, readiness assessments, and appointment scheduling
- Built serverless backend with AWS Lambda, Cognito authentication, and REST APIs for scalable data access and real-time dashboard updates

Tech Stack: React Native (Expo), AWS Lambda, Cognito, RDS, API Gateway

Certfolio – Certification Portfolio Platform

December 2025 – Present

- Developed and deployed full-stack certification portfolio application using Angular 18, Node.js, and MongoDB Atlas with JWT authentication, GridFS file storage, and analytics dashboard featuring Chart.js visualizations.
- Implemented production-grade security with bcrypt hashing, email-based password reset, API rate limiting, advanced filtering/search, and customizable pagination with in-progress certification tracking.

Tech Stack: Angular 18, Node.js/Express, MongoDB, JWT, GridFS

Automobile Service Time Logging System

October 2025 – November 2025

- Developed backend microservice for technician time logging with approval workflows, REST APIs, and PostgreSQL persistence
- Built responsive React dashboard and containerized services with Docker, applying layered architecture and automated testing practices

Tech Stack: Spring Boot, PostgreSQL, React, Docker

WebGuard – Web Vulnerability Scanner

December 2025 – Present

- Built full-stack web vulnerability scanner with automated security checks, REST APIs, and real-time progress dashboards
- Implemented enterprise-grade features including Swagger documentation, background job scheduling, IP rate limiting, and structured scan reporting

Tech Stack: ASP.NET Core, React, TypeScript, SQLite

Flight Reservation System

February 2025 – Present

- Designed and implemented end-to-end flight reservation system using advanced OOP principles and domain-driven modeling
- Built pricing, booking, and seat availability modules applying clean architecture and enterprise design patterns

Tech Stack: Java

Explore more at kavindya-kariyawasam.vercel.app

PROFESSIONAL DEVELOPMENT

Technical Article Writer at [Medium](#)

August 2025 – Present

Certification Portfolio: my-certfolio.vercel.app

ACHIEVEMENTS & AWARDS

Hackathons & Programming Competitions:

- CodeRally 6.0 Hackathon 2025 – Finalists (Advanced Tier), Informatics Institute of Technology
- CodeJam by UoM 2025 – Finalists, 4th Place at Knockout Round
- CodeRally 5.0 Hackathon 2024 – 4th Place, Informatics Institute of Technology

Sports Competitions:

- SLUG – Multiple medals, new meet records, Vice-Captain for overall Men's Championship
- Silver Medalist – South Asian Aquatic Championship 2016 (U15 200m Breaststroke)
- Represented Team Sri Lanka – 54th Milo PRAM Malaysia National Swimming Championship 2018
- 35th National Life Saving Championship 2023 – Team Champions, 6 individual medals

Recognition:

- SLUSA & UoM Colors for Swimming (2023/2024)
- Most Outstanding Swimmer – Senior (2023) / Junior (2017), D.S. Senanayake College
- Upcoming Player of the Year 2016 – Colors Night, D.S. Senanayake College
- President Scout Award – Outstanding leadership, community service, and scouting excellence

LEADERSHIP & VOLUNTEERING

- Swimming Captain (2025/26), Swimming Vice Captain (2024/25) – University of Moratuwa
- INTECS FIT UOM – Web development committee (2025)
- Volunteer Swim Coach – Rotaract Club UOM and Leo Club Kalubowila (2025/26)
- Swimming Captain (2020) / Vice Captain (2019) – D.S. Senanayake College

REFERENCES

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University of Moratuwa

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