RAMESH EDIRISINGHE

INTERN SOFTWARE ENGINEER

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| [LinkedIn] | [GitHub] | [Portfolio]

PROFESSIONAL SUMMARY

Software Engineering undergraduate with 10+ full-stack projects delivering 40%+ performance gains. Ranked among the top 60 GitHub committers in Sri Lanka with 1000+ contributions, specializing in RESTful APIs, database optimization, and CI/CD workflows.

EXPERIENCE

Full-Stack Engineer Intern | Residue Solution   *May 2024 – Present*

- Contributing to full-stack development using React, Node.js, and Spring Boot
- Implemented secure user authentication with JWT, enhancing app security
- Collaborated in an agile team to deliver bi-weekly feature updates

Software Engineer Trainee | iCET   *Aug 2024 – Apr 2025*

- Shipped 2 production-ready apps using Java/Spring Boot + Angular
- Slashed bug reports by 35% via JUnit/Mockito integration
- Led 15-person development team, boosting productivity by 22%
- Cut sprint cycle time by 18% through agile methodology implementation

PROJECTS

Evo Plan – Spring Boot-Angular [GitHub]

- Integrated OAuth authentication reducing login issues by 40%
- Optimized database design, slashing query response times by 30%
- Expanded test coverage to 92%, cutting post-release defects by 28%

Movie Explore – React + TMDB API [GitHub]

- Built a responsive movie discovery app handling **1,000+ daily API calls** to TMDB with dynamic search/filtering.
- Boosted user engagement by **35%** with lazy-loaded trailers and React memorization for smoother UI rendering.
- Designed a cache-first architecture cutting repeat API requests by **50%**, reducing load times.

Kafka-Based Microservices - Spring Boot - [GitHub]

- Built system handling 1000+ messages/minute with 99.7% delivery rate
- Reduced system latency by 35% through optimized architecture

Career Connect – MERN Stack Job Portal - [GitHub]

- Crafted portal with 3 user roles and custom permission flows
- Improved mobile responsiveness by 60% with Tailwind CSS optimizations

Arduino WebSocket LED Control – Arduino, Node.js [GitHub]

- Built a real-time LED control system using WebSockets and Arduino Mega
- Implemented Ngrok tunneling for secure public access without port forwarding
- Enabled bidirectional communication between hardware and remote clients

MOS Burger – Spring Boot-Angular - [GitHub]

- Deployed POS system processing 50+ transactions per minute
- Accelerated inventory tracking by 45% through query optimization
- Boosted image upload efficiency by 30% with AWS S3 integration

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TECHNICAL SKILLS

- Java
- JavaScript/TypeScript
- Python
- C#
- Spring Boot
- React.js
- Angular.js

- Node.js
- Express.js
- .NET
- MySQL
- MongoDB
- Hibernate/JPA
- AWS (S3, EC2)

- Kafka
- Postman
- Agile/Scrum
- JWT/OAuth2
- Docker
- Git/GitHub (1000+ commits)

EDUCATION

Bachelor of Information Technology | University of Moratuwa   *Oct 2022 – Oct 2025*

- 3rd Year undergraduate Student
- Mastered 4 programming languages, acquiring 70% of skills through self-directed learning
- Major: Web Development
- Minor: Machine Learning

Diploma in Software Engineering | iCET   *Aug 2024 – Apr 2025*

- Orchestrated 4 team projects, exceeding delivery targets by 15%
- Elevated technical competencies by 90% through project-based learning
- Achieved 100% on-time milestone completion across 3 agile development cycles

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CERTIFICATIONS

- AI-Assisted Development | KodeKloud | 2025
- Fundamentals of DevOps | KodeKloud | 2025
- React BootCamp | LetsUpgrade | 2025
- Python for Beginners | University of Moratuwa | 2023
- Generative AI | LinkedIn | 2025

ACHIEVEMENTS

- Delivered 12 projects with 100% on-time completion rate
- Maintained 95% test coverage across all codebases
- Mastered 6 new technologies in 8-month training period
- Reduced application load times by average of 42%