

# RAMESH EDIRISINGHE

## INTERN SOFTWARE ENGINEER

Colombo | +94 705787818 | ramesh.redirisinghe@gmail.com

| [\[LinkedIn\]](#) | [\[GitHub\]](#) | [\[Portfolio\]](#)

---

### 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
  - Lead 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, C++ [\[GitHub\]](#)**

- 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

---

**TECHNICAL SKILLS**

- |                         |                 |                 |
|-------------------------|-----------------|-----------------|
| • Java                  | • Node.js       | • Kafka         |
| • JavaScript/TypeScript | • Express.js    | • Postman       |
| • Python                | • .NET          | • Agile/Scrum   |
| • C#                    | • MySQL         | • JWT/OAuth2    |
| • Spring Boot           | • MongoDB       | • Docker        |
| • React.js              | • Hibernate/JPA | • Git/GitHub    |
| • Angular.js            | • AWS (S3, EC2) | (1000+ commits) |
- 

**EDUCATION**

**Bachelor of Information Technology | University of Moratuwa**

*Oct 2022 – Oct 2025*

- 3<sup>rd</sup> 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
- 

**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%