

# AATHIKA ILMUDEEN

## Software Engineer / Full Stack Developer

[atkilmdn1125@gmail.com](mailto:atkilmdn1125@gmail.com) | LinkedIn : [Aathika](#) | GitHub : [github.com/Aathi125](https://github.com/Aathi125) | +94 714950456

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## SUMMARY

Motivated Software Engineer with hands-on internship experience in full-stack web development. Seeking to grow as a full-stack engineer by building scalable, high-quality applications while continuously improving problem-solving, system design, and collaborative skills in an Agile environment.

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## WORK EXPERIENCE

Sep 2025 - March 2026

### Software Engineer Intern , (IT Starter Pvt Ltd)

- Worked as Full Stack Developer intern and was involved in Projects such as Finance Tracker Application, InSrilanka Mobile Ecommerce Site, and POS System.
- Designed and developed Rest Services using technologies such as **Fast API** and **REST API**
- Conducted testing, debugging and troubleshooting of applications.
- Framework and Technologies : **Java, Spring boot, Laravel, PHP, React, Python , data Scrapping , ELT Process, Restful APIs, Mongoddb, Fast API, vscode, GitHub, n8n, Trello , Agile Methodologies**

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## EDUCATION

Jan2024 - Dec 2027

### Bachelor of Science in Information Technology

Sri Lanka Institute of Information Technology - SLIIT

- Specialization in Software Engineering
- **Current CGPA** : 3.65 / 4.0
- **Awards**: Dean's List Award (3 semesters – GPA above 3.7)

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## PROJECTS

### Online dispensary and Pharmacy

Jan 2026 - Feb 2026

- Online dispensary and pharmacy system to interact with the patient, doctor, and pharmacy in a single platform.
- Implemented authentication, prescription handling, and order management modules
- Designed, and developed the system using **Spring Boot, MySQL, Bootstrap**, and **JSP** and tested software applications.
- Conducted extensive debugging and testing to ensure secure and reliable workflows.
- Technologies used : **Spring Boot, Spring JPA, Spring Security, maven, MVC, JavaScript, MySQL, GitHub, Spring tool suit ( IntelliJ )**

### Smart Rural Vendor Platform

Aug 2025 - Dec 2025

- Built a web platform to connect rural vendors with customers for product listing and order management.
- Developed REST APIs and managed NoSQL data storage.
- Led the development lifecycle and resolved critical bugs and performance issues.
- Worked as a leader for the complete software development lifecycle and performed investigations and fixed bugs.
- Technologies used : **MongoDB, Express.js, React.js, Node.js, REST API, JavaScript, Git, Trello**

### Event Booking & Management System - Java

Jan 2025 - July 2025

- Designed a web-based event booking system with user and admin dashboards.
- Integrated MySQL backend for bookings, confirmations, and event management.
- Focused on clean UI/UX and reliable CRUD operations.
- Technologies used: **Java, JSP, JDBC, HTML, CSS, MySQL, Eclipse, GitHub, Draw.io**

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## TECHNICAL SKILLS

- **Programming Languages**: Java, C, C++, PHP, Python, JavaScript
- **Frameworks & Libraries**: Spring Boot, Spring JPA, Spring Security, Laravel, React.js, Node.js, Express.js
- **Web Technologies**: HTML5, CSS3, Bootstrap, Tailwind CSS, JSP
- **Databases**: MySQL, MongoDB, SQL Server
- **Core Concepts**: Object-Oriented Programming (OOP), Data Structures & Algorithms, MVC Architecture, REST APIs, CRUD Operations
- **Testing & Debugging**: Application debugging, troubleshooting, API testing (Postman)
- **Dev Tools**: GitHub, IntelliJ IDEA, Eclipse, VS Code, Postman, Trello, n8n
- **Cloud & Others**: AWS (basic), Workflow Automation

## GENERATIVE AI EXPERIENCE

- Used ChatGPT for debugging, algorithm optimization, documentation, and learning best practices.
- Used GitHub Copilot to improve development speed and code quality.
- Applied AI tools to refactor code, generate test cases, and validate logic during projects.

## SOFT SKILLS

- Strong communication skills (inter-team & stakeholder communication)
- Teamwork and collaboration in Agile/Scrum teams
- Attention to detail and quality-focused mindset
- Problem-solving and analytical thinking
- Time management and adaptability
- Fast learner and self-motivated

## CERTIFICATIONS

- Higher National Diploma (HND) in Information Technology
- Agile Project Management Practitioner

## LANGUAGES

English | Sinhala | Tamil

