

# YASAS PASINDU FERNANDO

Java Software Developer | Programmer – Software Development | Spring Boot | Digital Banking | Application Support

Hikkaduwa, Sri Lanka | +94 77 690 5654 | yasas@yasaboy.com

[LinkedIn](#) | [GitHub](#) | [Professional Portfolio](#) | [Product Website](#)

## CAREER OBJECTIVE

Applying for Junior Executive (IT) – Grade IV (Programmer – Software Development) at National Savings Bank. Java/Spring Boot software engineer with professional FinTech experience in digital banking APIs, software development, API integration, troubleshooting, root cause analysis, SIT/UAT support, and technical documentation. Ready to learn NSB banking systems and contribute to reliable application support under senior guidance.

## PROFESSIONAL SUMMARY

Associate Software Engineer / Backend Java Developer at IdeaHub (Pvt) Ltd., Nugegoda (October 2025 – Present), following a Software Engineer Trainee period (April 2025 – October 2025). Builds and maintains Java/Spring Boot REST APIs for banking technology workflows and provides structured application support for SIT/UAT and production-related investigations using Linux logs, Oracle SQL, payloads, and API timing evidence. Supports DFCC digital banking flows (payments, fund transfers, account services, transaction retrieval, exchange-rate checks, status/error handling) and middleware integration analysis. Additional work includes Flutter, Python, academic PHP/MySQL project work, and local-first web tooling.

## TECHNICAL SKILLS

**Software Engineering:** Java, Spring Boot, RESTful APIs, JPA/Hibernate, Spring Security/JWT basics, layered architecture, validation, microservices concepts, problem solving

**Banking Technology & Integration:** Digital banking API flows, payments/fund transfers, account services, core-banking integration support, middleware analysis, API integration, Postman, Swagger/OpenAPI

**Data & Investigation:** Oracle SQL, MySQL, MongoDB, PostgreSQL, SQLite; troubleshooting; root cause analysis; Linux log analysis

**Tools:** Git/GitHub, Linux, Postman, Swagger/OpenAPI, Docker basics, Jira, IntelliJ IDEA, VS Code, SQL Developer

**Application Support & Delivery:** SIT/UAT issue reproduction, release support, technical documentation, enterprise applications maintenance mindset

**Additional:** Flutter/Dart, React/Next.js (working knowledge), JavaScript/TypeScript, PHP/MySQL, Python; Sinhala/Tamil/English localisation in selected mobile work

**Soft Skills:** Clear written communication, BA/QA/bank-side collaboration, knowledge sharing, structured problem solving

## WORK EXPERIENCE

**Associate Software Engineer / Backend Java Developer | IdeaHub (Pvt) Ltd., Nugegoda** Oct 2025 – Present

Enterprise banking technology and FinTech platform work: Java backend, REST APIs, middleware integration, and application support.

- Develop and maintain Java/Spring Boot backend services and REST APIs for banking and FinTech workflows, with emphasis on reliability, maintainability, testing support, and controlled release support.
- Support DFCC digital banking flows covering payments, fund transfers, account services, transaction retrieval, exchange-rate checks, confirmation/status handling, and error-message investigations.
- Investigate SIT/UAT and production-related issues using Java logs, Spider logs, Oracle SQL checks, request/response payloads, RRN/correlation references, and API timing evidence; document root cause analysis for stakeholders.
- Analyse Spider/Python Bottle/uWSGI integration-layer behaviour (Linux configuration, read timeouts, waiting-time patterns, slow core-banking call impact) to isolate integration faults.
- Collaborate with BA, QA, mobile/web, and bank-side teams to reproduce defects, verify fixes, and contribute clear technical documentation.
- Use Git, Postman, Swagger/OpenAPI, and Jira in day-to-day software engineering, API integration, and application support work.

**Software Engineer Trainee | IdeaHub (Pvt) Ltd., Nugegoda** Apr 2025 – Oct 2025

- Completed FinTech-domain training and contributed to live banking project tasks: Spring Boot structure, REST API testing, SQL/debugging, issue reproduction, documentation, and Agile delivery.

**Founder & Developer | Yasas Tech / Yasaboy.com**

Dec 2023 – Present

<https://yasaboy.com/>

- Designed, shipped, and continuously improve Yasaboy.com, a local-first browser tools/PWA platform (100+ utilities) for PDFs, documents, media, developer utilities, Sinhala typing, QR/barcode tools, and daily workflows.
- Own product planning, client-side architecture, static deployment, service-worker/offline behaviour, documentation, and iterative platform improvements.

#### **Lecturer – Java Programming (Part-time) | J4B Institute / Java for Beginners**

May 2024 – Oct 2025

- Taught Java programming, OOP fundamentals, debugging, and practical project development to beginner and intermediate learners.

### **SELECTED PROJECTS**

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**[Professional Delivery] Digital Banking Backend & DFCC API Support** | Java, Spring Boot, REST APIs, Oracle SQL, JPA/Hibernate, Postman, Linux

High-level professional delivery on banking APIs covering payment/fund-transfer flows, account retrieval, transaction history, exchange rates, and error handling. Prepared root-cause notes, SQL checks, Jira updates, log evidence, and release-support findings. No proprietary system ownership is claimed.

**[Research & Development] CBS/T24 Mock Server & Spider Performance Testing** | Python, Docker, API replay, latency/load testing, Linux

Configurable engineering mock environment developed and used for integration testing, API validation, performance experiments, timeout analysis, and software engineering research. Not a production banking system. Does not imply ownership of Temenos T24, DFCC systems, or any client Core Banking System.

**[Academic Projects] Personal Finance Tracker** | PHP, MySQL, JavaScript, Tailwind CSS, Chart.js

<https://github.com/YasasPasinduFernando/personal-finance-tracker>

Academic project: developed as a university software engineering project to demonstrate full-stack web application development. Purpose: enable users to manage personal income, expenses, savings goals, budgeting and financial reporting. Features include user authentication, income and expense management, budget tracking, savings goals, dashboard analytics, charts, PDF report generation, and responsive design. Not a commercial client project.

**[Personal Portfolio] Yasaboy.com – Local-first Browser Tools Platform** | JavaScript/TypeScript, static web, PWA, Cloudflare Pages

<https://yasaboy.com/>

Product website (<https://yasaboy.com/>): public platform of 100+ local-first client-side tools with privacy-first browser processing, offline/PWA behaviour, static hosting, and maintainable tool structure. Distinct from the professional portfolio at <https://portfolio.yasaboy.com>.

**[Personal Portfolio] Smart AAC Sinhala / Simple AAC Sri Lanka** | Flutter, Dart, offline-first, TTS, Sinhala/Tamil/English, TensorFlow Lite basics

[https://github.com/YasasPasinduFernando/simple\\_aac\\_app](https://github.com/YasasPasinduFernando/simple_aac_app)

Actively developed offline-first Flutter AAC app for Sinhala, Tamil and English users, used in practical pilot testing. Includes caregiver customisation, text-to-speech, and AI-assisted communication research at paper/publication level. Personal Portfolio project; not commercial, widely deployed, or production healthcare software.

**[Personal Portfolio] Flutter Mobile Apps Portfolio** | Flutter, Dart, Android, localisation, local storage

<https://github.com/YasasPasinduFernando>

Android/mobile project work including book-review experiments, game prototypes, Sinhala notes/utilities, and APK-oriented Flutter builds.

Public GitHub portfolio currently includes 46 repositories across Python, Dart/Flutter, PHP, Java, JavaScript, HTML/CSS, C#, and related project work (count taken from GitHub at document generation).

### **EDUCATION**

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- MSc in Artificial Intelligence – Kingston University London | In progress
- BEng (Hons) Software Engineering – London Metropolitan University | Completed
- Certified Developer / Software Development Programme – Institute of Computer Engineering Technology (iCET) | Completed
- G.C.E. Advanced Level – G/Dharmashoka College, Ambalangoda | Completed

### **PROFESSIONAL STRENGTHS**

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- Software engineering focus: Java backend, REST API development, Oracle SQL investigation, Linux log analysis, and banking-domain application support.

- Integration and maintenance mindset: middleware latency, timeouts, payload mapping, correlation IDs, and evidence-based root cause analysis.
- Documentation and teamwork: clear defect notes for BA, QA, and bank-side stakeholders; Java teaching experience supports knowledge sharing.
- Languages: English; Sinhala; Tamil product-localisation experience in selected mobile work (confirm spoken/written levels on the application form).

References available upon request.