

YASAS PASINDU FERNANDO

Programmer - Software Development | Java / Spring | Application Support | Documentation

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<https://portfolio.yasaboy.com>

CAREER OBJECTIVE

Applying for Junior Executive (IT) - Grade IV (Programmer - Software Development) at National Savings Bank. Java software engineer focused on reliable software development, API integration, application support, troubleshooting, root-cause analysis and clear technical documentation. Prepared to learn NSB banking systems, follow bank procedures, and contribute accurately under senior guidance. Complementary academic experience includes C#/.NET coursework.

PROFESSIONAL SUMMARY

Associate Software Engineer / Backend Java Developer at IdeaHub (Pvt) Ltd., Nugegoda (October 2025 - Present), following Software Engineer Trainee (April 2025 - October 2025). Builds and maintains Java services using Spring Framework and Spring Boot REST APIs for banking technology workflows; supports investigations with Linux logs, Oracle SQL, payloads and API timing evidence; documents findings for BA, QA and bank-side stakeholders. Prior Software Engineering Intern at IT ZONE (Pvt) Ltd. (August 2024 - March 2025). IdeaHub delivery includes team contribution for HNB and DFCC platforms - team contribution only; bank product ownership is not claimed.

TECHNICAL SKILLS

Programming / Software Development: Java, Spring Framework (Core Spring), Spring Boot, RESTful APIs, JPA/Hibernate, Spring Security/JWT (foundational), Maven, Gradle, JavaFX, Swing, layered architecture; C#/.NET (academic)

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

Database: Oracle SQL, MySQL, PostgreSQL, MongoDB, SQLite; query checks for defect investigation

Application Support & Documentation: SIT/UAT issue reproduction, release support, root-cause analysis, technical documentation, maintainability focus for enterprise applications

Additional: Git, Linux log analysis, Flutter/Dart, React/Next.js (working knowledge), JavaScript/TypeScript, PHP; Sinhala/Tamil/English localisation in selected mobile work

Soft Skills: Accuracy, clear written communication, teamwork with BA/QA/bank-side stakeholders, knowledge sharing, learning ability

WORK EXPERIENCE

Associate Software Engineer / Backend Java Developer | IdeaHub (Pvt) Ltd., Nugegoda

Oct 2025 - Present

Enterprise digital banking backend engineering for bank-facing platforms, including delivery for HNB and DFCC as part of the IdeaHub team. Team contribution only - no ownership of bank products or proprietary systems.

- Build and maintain Java backend services and REST APIs for digital banking workflows using Spring Framework (Core Spring) and Spring Boot stacks, with emphasis on reliability and controlled release support.
- Deliver API support across payments, fund transfers, account services, transaction retrieval, exchange-rate checks, confirmation/status handling and error investigations.
- Trace SIT, UAT and production-related defects by correlating Java logs, Spider middleware logs, Oracle SQL checks, request/response payloads, correlation references and API timing.
- Produce clear root-cause analyses, technical evidence and investigation summaries for BA, QA, mobile/web and bank-side stakeholders.
- Isolate middleware and integration faults on Linux - including timeouts, waiting-time patterns and slow downstream calls.
- Drive day-to-day API delivery and verification with Git, Maven/Gradle build workflows, Postman, Swagger/OpenAPI and Jira.

Software Engineer Trainee | IdeaHub (Pvt) Ltd., Nugegoda

Apr 2025 - Oct 2025

- Completed FinTech training and delivered live banking tasks under senior guidance: Spring Boot structure, REST API testing, SQL debugging, defect reproduction, documentation and Agile delivery.

Software Engineering Intern | IT ZONE (Pvt) Ltd. | Aug 2024 - Mar 2025

- Assisted with Java desktop and POS work (JavaFX, Swing, Hibernate ORM); participated in full-stack PHP, React and Tailwind CSS features, defect fixes and maintenance.

Founder & Software Developer | Yasas Tech / Yasaboy.com

Dec 2023 - Present

<https://yasaboy.com>

- Designed, shipped and continue to improve Yasaboy.com - a local-first browser tools/PWA platform with 100+ utilities.
- Cloudflare Analytics verified 115,478 pageviews in a single month - pageviews, not users.

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

May 2024 - Oct 2025

- Taught Java, OOP fundamentals, debugging and practical project development.

KEY PROJECTS

Digital Banking Engineering (Professional Delivery) | Java, Spring Framework, Spring Boot, REST APIs, Oracle SQL, Maven, Gradle, Linux, Postman

- Team contribution to enterprise digital banking platforms delivered for HNB and DFCC. Spring Framework and Spring Boot REST APIs, Oracle SQL investigation, middleware debugging, SIT/UAT/production support and technical documentation for application support.

Serixa - Open-Source PHP UI Framework | PHP 8.2, SSR, Widget Tree, Composer, Packagist

<https://packagist.org/packages/serixa/framework>

- Published open-source PHP UI framework (serixa/framework v1.0.0) demonstrating disciplined software development, documentation and maintainable release practice.

Yasaboy.com - Local-first Browser Tools | JavaScript/TypeScript, PWA

<https://yasaboy.com>

- Maintained shipped browser tools platform with continuous documentation and incremental improvement.

Smart AAC - Trilingual Assistive Communication | Flutter, Dart, TensorFlow Lite, Offline-first

- Final-year Flutter research prototype with offline-first design and multilingual support (Sinhala/Tamil/English).

Academic C# / .NET Projects | Windows Forms, ASP.NET Core MVC, Unity

- Complementary academic experience in C#/.NET (GreenLife, UniManage LMS) and Unity/C# gameplay systems.

EDUCATION

- MSc in Artificial Intelligence - Kingston University London | In progress
- BEng (Hons) Software Engineering - London Metropolitan University | Completed | Final-year project: Smart AAC
- Diploma in Software Engineering - Institute of Computer Engineering Technology (iCET) | Completed
- G.C.E. Advanced Level - G/Dharmashoka College, Ambalangoda | Completed

SELECTED ACHIEVEMENTS

- Open-source release: published Serixa as Composer package serixa/framework on Packagist with GitHub Releases v1.0.0.
- Cloudflare Analytics verified 115,478 monthly pageviews on yasaboy.com (pageviews, not users).

References available upon request.