Abebe Endalamaw Getahun

+251 964106670 | abeende@gmail.com | Amhara | Ethiopia

PROFESSIONAL SUMMARY

Highly accomplished Full-stack Software Engineer with over 5 years of experience building robust, scalable applications and leading development teams. Proven expertise in Java, Spring Boot, React, and modern web technologies, specializing in microservices architecture, CI/CD pipelines, and cloud deployments with AWS. Eager to leverage strong front-end and full-stack engineering skills to deliver innovative, user-centric solutions and drive impactful product development.

EDUCATION

University of Gondar **September 2017 - October 2021**

- Health Informatics
- BSc

EXPERIENCE

Sr.Backend Developer

ITRun **November 2025 - Present** **Remote, Addis Ababa, Addis Ababa, Ethiopia**

- Built scalable customer onboarding platforms for digital client registration.
- Implemented integrations with AML, KYC, PEP, and sanctions screening systems for compliance checks.
- Developed a multi-channel notification platform using Java Spring Boot for centralized messaging services.
- Utilized AI-powered development tools (Cursor agents) to accelerate development and improve testing efficiency.

Backend Developer

Sepa-Cyber Technology **May 2024 - November 2025** **Remote, Remote, Bulgaria**

- Currently developing scalable microservices using Java, Spring Boot, and PostgreSQL, while collaborating on architectural designs to accelerate feature delivery.
- Developed and optimized microservices with Java, Spring Boot, and PostgreSQL, achieving a 20% increase in system scalability.
- Resolved critical defects in existing microservices, leading to a 15% reduction in production errors.
- Collaborated with architects to design and implement new microservices, significantly accelerating feature delivery timelines.
- Conducted thorough code reviews, enhancing overall code quality and improving team maintainability standards.
- Refactored critical legacy codebases, successfully reducing technical debt by 10% and improving system performance.

Backend Team Lead

Atlas Computers Technology Plc. **March 2023 - May 2024** **Addis Ababa, Addis Ababa, Ethiopia**

- Led a team of 5+ developers in delivering high-impact fintech solutions for a digital banking platform supporting over 150,000 users.
- Led a team of 5+ software developers, successfully delivering fintech solutions for a digital banking platform serving over 150,000 users.
- Managed and monitored team tasks, achieving 100% on-time delivery of critical microservices and API features.
- Mentored and coached junior developers, significantly improving coding standards and boosting team efficiency by 20%.
- Coordinated cross-functional teams and stakeholders, ensuring 95% achievement of key performance indicators (KPIs) for fintech projects.
- Conducted comprehensive performance reviews and code quality audits, resulting in a 10% reduction in production defects.

Full-stack Developer

Atlas Computers Technology Plc. **March 2022 - February 2023** **Addis Ababa, Addis Ababa, Ethiopia**

- Developed and optimized full-stack solutions for a digital banking platform, encompassing API development, UI/UX, and AI-enabled features.
- Engineered high-performance RESTful APIs with Java and Spring Boot for a digital banking platform, supporting over 150,000 active users.
- Integrated critical third-party APIs for payment processing, boosting transaction efficiency by 30%.
- Resolved complex bugs and implemented preventative measures, achieving 99.9% platform uptime consistently over 12 months.
- Optimized critical API performance, reducing response times by 25% through efficient coding and architecture improvements.
- Designed and deployed an AI-enabled chatbot using Rasa, automating mobile banking customer support and reducing human support workload by 40%.

Software Developer

Private Contractor **August 2020 - March 2022** **Addis Ababa, Addis Ababa, Ethiopia**

- Developed Java-based applications and RESTful APIs for small business solutions, contributing to improved data access and defect-free releases.
- Developed bespoke Java-based applications leveraging Spring, JHipster, and MySQL to deliver robust solutions for small businesses.
- Developed internal RESTful APIs, enhancing data accessibility and retrieval efficiency by 10%.
- Provided comprehensive debugging and testing support, contributing to a 95% defect-free release rate.
- Acquired proficiency in microservices architecture and Agile methodologies through hands-on experience and senior mentorship.

PROJECTS

Digital Banking Platform

- Developed backend systems supporting digital banking operations and customer services.
- Built a back-office platform for onboarding and enabling customers to access digital banking features.
- Implemented scalable backend services designed to handle millions of financial transactions, ensuring high performance, reliability, and secure processing of financial operations.

Customer Onboarding & Validation Platform (Embedded Finance)

- Developed a scalable customer onboarding and validation platform for embedded finance services.
- The system includes a configurable back-office platform that enables onboarding of multiple tenants using dynamic parameters, allowing organizations to quickly deploy their own onboarding workflows.
- Built services that allow tenants to securely register and manage their customers, while integrating AML, KYC, PEP, and sanctions screening systems to ensure regulatory compliance.
- Implemented a centralized notification service using Java Spring Boot to support multi-channel notifications across various operational events.

National Electronic Invoice System

- Contributed to the development of a national electronic invoicing platform that enables taxpayers to generate and register invoices in compliance with government regulations.
- Developed a back-office system for taxpayer onboarding, configuration, and enablement within the e-invoicing ecosystem.
- Built a self-service portal for taxpayers where businesses can manage their accounts, configure integrations, and manage sub-users.
- Implemented centralized APIs for nationwide invoice lifecycle operations, including invoice registration, validation, cancellation, and reporting.

SKILLS

Programming Languages: Java, JavaScript, TypeScript, C++, Python

Frameworks: React, Angular, Spring Boot, Java EE, NestJS, Camunda, Apache Camel, Rasa, Tensorflow, Django

Databases: MySQL, PostgreSQL, Oracle, MongoDB

Infrastructure & DevOps: Git, Docker, AWS, Microsoft Azure, Jenkins, ELK Stack

Markup/Styling: HTML, CSS, SASS, LESS, SCSS, XML, YAML, JSON

Methodologies & Architecture: Agile, Scrum, Microservices Architecture, RESTful API Development

Key Competencies: Team Leadership, Project Management, Stakeholder Coordination, Code Review, Debugging, Performance Optimization, Fraud Detection, Agile Methodologies, User-Centric Design