

Yahya Rahimi

Software Engineer | Backend · Full-Stack · Cloud Infrastructure

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Summary

Software Engineer with 7+ years building and operating production systems. Deep backend experience in Java and Scala (Spring Boot, Akka HTTP, Play Framework) building distributed microservices and REST APIs, plus end-to-end ownership of a multi-tenant SaaS platform across frontend, backend, data, and deployment. Reduced API latency 30%, cut deployment time 50%, and sustained 99.9% service availability. Fluent in AI-assisted development workflows without trading away production rigor.

Technical Skills

Languages: Java, Scala, TypeScript, JavaScript, Python, SQL

Backend & Architecture: Microservices, RESTful API design, distributed systems, system design, Spring Boot, Akka HTTP, Play Framework, Node.js

Frontend: React, Next.js, Astro, Tailwind CSS, D3.js

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, IAM), Docker, Terraform, Jenkins, GitHub Actions, CI/CD, Infrastructure as Code (IaC), serverless

Databases: PostgreSQL, MySQL, MongoDB, DynamoDB, Supabase

Observability & Testing: New Relic, Instana, CloudWatch, ScalaTest, Jest, Selenium, unit and integration testing

Practices: Agile/Scrum, code review, mentorship, production incident response, AI-accelerated engineering (Cursor, coding agents)

Professional Experience

Software Engineer (role title: Tech Admin) | International Ally Federation

08/2024 – Present | Remote

- Owned end-to-end development of Health Compass, a production wellness assessment platform - architecture, backend APIs, frontend, data layer, and deployment.
- Built the application in TypeScript, Astro, and Tailwind: multi-section assessment flow, scoring engine, D3 results visualization, PDF export, and email delivery via serverless functions (Resend).
- Architected the platform toward multi-tenant SaaS on Supabase/PostgreSQL with row-level security, autosave APIs, and edge functions, designing tenant isolation from the ground up.
- Ran production operations: GitHub Actions CI/CD, GA4 analytics with cookie consent, and bilingual English/Farsi UX.
- Used AI-assisted development (Cursor, coding agents) as a core workflow, pairing agentic tooling with design docs and human review to ship production-grade code.

Software Engineer | ServiceRocket Inc.

11/2019 – 08/2024

- Designed and implemented scalable backend services and distributed microservices in Scala (Akka HTTP / Play Framework) and Java, modernizing legacy workflows for B2B applications serving thousands of active users.
- Engineered secure, high-throughput REST APIs and data-processing layers, reducing request latency 30% for enterprise

customer data-sync operations.

- Diagnosed production bottlenecks and security incidents using Instana and New Relic, systematically reducing error rates and sustaining 99.9% service availability.
- Built Infrastructure as Code pipelines with Terraform, Jenkins, and GitHub Actions, cutting deployment time 50%; provisioned and optimized AWS infrastructure (EC2, S3, RDS, IAM).
- Automated testing workflows in Python and Node.js, recovering approximately 20 engineering hours per month.
- Led code reviews and mentored junior engineers on testing strategy within an Agile team.

Application Support Engineer, Tier 3 | ServiceRocket Inc.

10/2017 – 11/2019

- Delivered tier-3 engineering support on complex Jira workflows, webhooks, and REST API integrations, holding a 90%+ satisfaction rating.
- Planned and executed large-scale Jira Server to Jira Cloud migrations, verifying 100% data integrity across thousands of production records with zero downtime.
- Built Jira integrations with GitHub and Azure DevOps as technical liaison to global enterprise clients.

Education

B.Sc. Computer Science, Honours | Universiti Sains Islam Malaysia

GPA 3.75 | 2013 – 2017

Additional

Authorized to work in the United States; no visa sponsorship required. Military spouse - eligible for Military Spouse Employment Partnership (MSEP) hiring programs.