Haidar Ali

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SUMMARY

Product-minded backend engineer with 6 years in building scalable APIs and services using Java, Spring, and AWS. Technical writer with 150+ published articles on DevOps, read by 12M+ developers on Baeldung.

SKILLS

Languages:	Java, JavaScript, TypeScript, Python, SQL, Bash, GraphQL, HTML, CSS
Databases:	PostgreSQL, MySQL, Amazon RDS, MongoDB, DynamoDB, Redis
Frameworks:	Spring Boot, Spring Security, Spring Cloud (Config, Gateway, Eureka), Spring Data JPA, Hibernate, JDBC, RabbitMQ, JUnit, WebSocket, Mockito, Testcontainers, Node.js, React
Tooling:	Maven, Flyway, Selenium, Swagger (OpenAPI), Postman, Prometheus, Grafana, Zipkin, Sentry
DevOps:	VPS, Linux, Docker, AWS Lambda, EC2, SES, SNS, SQS, S3, ECS, ELK Stack, GitHub Actions

WORK EXPERIENCE

Senior Backend Engineer   *Apr 2021 – May 2025*
Createch IT Solutions   *Swat, Pakistan (Remote)*

- Led and architected a modular microservice-friendly backend for a medical LIMS platform in Spring Boot to support workflows like test orders, sample tracking, reporting, and inventory
- Implemented JWT auth with Spring Security for **5** user roles to reduce login support issues by **1/2**
- Engineered async RabbitMQ pipeline for lab result uploads and automated PDF summary generation
- Cached lab reports in Redis to reduce PostgreSQL DB load time by **35%** in load tests
- Improved API response times by **40%** through DTO refactoring and Hibernate query profiling
- Employed TDD with JUnit, Mockito, and Testcontainers for services, DB, Redis, and S3-mocked flows
- Dockerized the app and deployed to EC2 via GitHub Actions and SSH to enable zero-downtime CI/CD with **70%** faster deployments; integrated health checks for automated post-deploy validation
- Collaborated in a fully remote team using GitHub, Jira, and Slack with **4** developers and a QA engineer

Technical Content Engineer   *June 2021 – Present*
Baeldung   *Bucharest (Remote)*

- Authored **150+** in-depth <u>articles</u> on Linux internals and DevOps, reaching **12+** million developers
- Boosted publish velocity by **1.5x** via **2500+** DevOps topics research; ranked in top **5%** of contributors

Backend Engineer   *Oct 2020 – Mar 2021*
MicroAgility Services   *Islamabad (Remote)*

- Developed REST APIs with a reusable service layer for a mobile-first U.S. consultation platform
- Engineered a service discovery system in RabbitMQ to reduce microservice startup latency by **~32%**
- Troubleshoot and refactored core MongoDB schemas to improve integrity and cut query time by **25%**
- Built a TDD push notification microservice with Amazon SQS to boost real-time user engagement

OTHER EXPERIENCE

Full Stack Developer   *Dec 2018 – Nov 2020*
Upwork   *Freelancer*

- Delivered end-to-end solutions, achieved a **Top Rated** badge, and a **4.7/5** rating across **10+** projects
- Built a full-stack (React/Node.js) basketball sports platform for a startup with match stats, play-by-play tracking, video compression, highlights creation from event log, and adaptive video playback

Formatter Pro | A premium formatting tool for fiction authors to create beautiful books; in pre-alpha stage

EDUCATION

Bachelor of Science in Software Engineering, CGPA: 3.3   University of Swat, Pakistan (2014 – 2018)