Roman M.
Middle Java Backend Engineer

SUMMARY

- Backend Engineer with 4+ years of experience in Java, TypeScript, and Python, working with Spring Boot and NestJS in microservices architectures.
- Experience in healthcare integrations: worked with Epic/MyChart, HL7 (R4) data processing and conversion into internal services.
- Built and maintained backend services handling high-load systems using Kafka, Redis, Cassandra, and PostgreSQL.
- Developed integration services for third-party systems, including batch processing and REST-based communication in AWS environments.

TECHNICAL SKILLS

Main Technical Skills	Java, TypeScript, Spring, Spring Boot
Programming Languages	Java, JavaScript, Lua, Python, TypeScript
AI & Machine Learning	AI, Keras, PyTorch, TensorFlow
Java Frameworks	Hibernate, Spring, Spring Boot
Java Libraries and Tools	Jersey, MyBatis
Python Libraries and Tools	Keras, PyTorch, TensorFlow
JavaScript Frameworks	NestJS
Databases & Management Systems / ORM	Cassandra, Hibernate, Liquibase, MongoDB, MySQL, OpenSearch, PostgreSQL, Redis
Cloud Platforms, Services & Computing	AWS, Azure
Amazon Web Services	AWS ECS (Amazon Elastic Container Service)
Azure Cloud Services	Azure DevOps
QA, Test Automation, Security	Allure Report, Apache Maven, JUnit, Mockito
Web/App Servers, Middleware	Apache Tomcat
SDK / API and Integrations	API, Swagger
Scripting and Command Line Interfaces	Bash

Deployment, CI/CD & Administration	CI/CD, GitLab CI, Gradle, Jenkins
Virtualization, Containers and Orchestration	Docker, Kubernetes, Terraform, Vagrant
Third Party Tools / IDEs / SDK / Services	Eclipse
Operating Systems	FreeBSD, Linux, Windows
Version Control	Github Actions
Logging and Monitoring	Grafana, Prometheus
Message/Queue/Task Brokers	Kafka, RabbitMQ
Methodologies, Paradigms and Patterns	REST, Scrum, SOLID
Other Technical Skills	Apache Derby, Openresty

WORK EXPERIENCE

Server Engineer, DevEdge

Duration: Jun. 2025 - Now

Summary: Platform integrating mobile client-side libraries and apps with mobile network carrier systems, designed to handle millions of concurrent API calls with high scalability and security.

Responsibilities:

- Developed and scaled backend infrastructure to support the platform.
- Secured the backend systems.
- Integrated with mobile client-side libraries and carrier systems.

Technologies: TypeScript, NestJS, Lua, Openresty, Postgres, Cassandra, Redis, Kafka, Docker, Kubernetes, Swagger, Opensearch, Grafana.

Java Backend Engineer, Navierre

Duration: Nov. 2024 - Apr. 2025

Summary: Client-server medical service platform integrating third-party medical services via REST APIs to provide enhanced healthcare solutions.

Responsibilities:

- Developed Java services for a healthcare platform integrating third-party systems
- Processed and transformed HL7 (R4) data into internal service formats
- Worked on batch data loading and integration flows between external systems and core services
- Built and maintained REST APIs for internal communication between services
- Contributed to system refactoring to improve maintainability

Technologies: Java, Spring Boot, PostgreSQL, Hibernate, Liquibase, Docker, Swagger.

Cloud and DevOps Specialization Trainee, Epam Campus (Training)

Duration: Aug. 2024 - Jul. 2025

Summary: Training program focused on Linux, Bash scripting, CI/CD tools, Azure cloud services, and infrastructure automation using Terraform and Vagrant.

Responsibilities:

- Learned Linux operating system and Bash scripting.
- Explored CI/CD tools and Azure cloud capabilities.
- Practiced infrastructure automation with Terraform and Vagrant.

Technologies: Linux, Networking, Bash, Docker, Python, Vagrant, CI/CD, Azure, Azure DevOps, Terraform, Az Monitor

Java Backend Engineer, Micro Focus (MF Connect)

Duration: Aug. 2021 - Jul. 2024

Summary: MF Connect is a software solution providing connectivity and integration features tailored to customer requirements, supporting business operations through reliable backend services.

Responsibilities:

- Developed new features based on customer requests.
- Maintained and troubleshot existing codebase.
- Collaborated with cross-functional teams to integrate additional APIs.

Technologies: Java, Apache Tomcat, Junit, Eclipse Jersey, Apache Derby, MyBatis, Gradle.

Java Backend Engineer, Impltech (Inventor)

Duration: Mar 2021- Jul 2021

Summary: Inventor is a microservice-based service focusing on backend development and database management to support scalable and maintainable applications.

Responsibilities:

- Developed services within a microservice architecture.
- Maintained and developed databases.
- Containerized applications using Docker to improve deployment consistency.
- Created API documentation with Swagger to facilitate integration.

Technologies: Java, Liquibase, Spring, Spring Boot, Postgresql, Docker, Swagger.

EDUCATION

- **Bachelor degree in Computer Science**
  NTUU KPI Ukraine/Kyiv
  2018 - 2022

CERTIFICATION

- **Cloud and DevOps Specialization Certificate**
  2025/07
- **Natural Language Processing in TensorFlow**
  2024/04
- **Convolutional Neural Networks in TensorFlow**
  2024/01
- **Convolutional Neural Networks**
  2023/04
- **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization**
  2022/06
- **Neural Networks and Deep Learning**
  2022/03