

Work Experience

Java Software Developer

[Cognaize](#)

Feb 2023- Current

Responsibilities:

- Worked on both client-facing and internal projects involving financial document processing using Spring Boot and Java.
- Designed and implemented Java models for parsing and transforming JSON data, converting them into structured formats suitable for Parquet files.
- Defined Parquet schemas and implemented automatic file uploads to AWS S3.
- Wrote and maintained backend services using MySQL, PostgreSQL, and MongoDB.
- Developed internal tools for uploading financial documents, using Python scripts to extract and validate data from the database.
- Worked in a Linux-based environment, and participated in system architecture discussions with a focus on design patterns and SOLID principles.

Java Software Developer

[Polixis](#)

Aug 2021-Jan 2023

Responsibilities:

- Built backend applications using Spring Boot and Spring Batch for scraping and processing data related to PEP (Politically Exposed Persons) and REP (Related Exposed Persons).
- Created migration tools to convert legacy data structures into new, scalable formats.
- Developed and maintained backend systems using MySQL and MongoDB, with a focus on performance and data consistency.
- Applied industry-standard design patterns and best practices during development.
- Worked in a Linux environment, collaborating with the team to ensure stability, scalability, and maintainability of the system.
- Wrote unit tests and contributed to multiple data-oriented projects with evolving requirements.

Java Software Developer

[Energize Global Services](#)

Apr 2019 – Aug 2021

Responsibilities:

- Developed full-stack banking applications for both customer and legal entity use cases, with modules covering loans, deposits, payment orders, and account services.
- Built backend systems using Java, Spring Boot, Hibernate (JPA), and JSP, implementing clean architectures aligned with SOLID principles and design patterns.
- Participated in the architectural design and development of web applications and backend services.
- Worked on frontend development using Angular, including administrative interfaces and customer portals.
- Contributed to the creation of the EGS company website from scratch, actively participating in system design, technology selection, and application structure.
- Collaborated with cross-functional teams throughout the SDLC, including design reviews, implementation, and testing.

Java Software Development Intern

[Energize Global Services](#)

Nov 2018 - Mar 2019

Stress Engineer

[Progresstech-Armenia](#)

Dec 2014 – Dec 2018

Responsibilities:

- Creation of FEM and static analysis (linear and nonlinear) section 3 slat aircraft SSJ-100 metal parts
- Fatigue calculation of the wing and fuselage parts of the aircraft SSJ-100
- Calculation of static and fatigue strength air-frame components made with deviation from the CD
Calculation of fatigue strength air-frame components with deviation during operation.
- Creating CEM MC-21-300 aircraft metal parts

Education

Armenian National Polytechnic University

2013- 2015

Department of Transport Systems Master's Degree

Concentration: Transport routes, vehicle construction, management and maintenance

State Engineering University of Armenia

2007-2011

Department of Transport Systems Bachelor's Degree

Concentration: Operation and testing of aerospace technology

Skills

Programming Languages & Frameworks:

Java (Core, OOP, Collections, Streams, Multithreading), Spring (Core, Boot, Data, Security, Batch), Hibernate (JPA), JSP, GraphQL

Testing & Debugging:

JUnit, Mockito

Data Processing & Integration:

Apache Parquet, RabbitMQ, Spring Batch

Build & Dependency Management:

Maven, Gradle

Databases:

SQL, MySQL, MongoDB, PostgreSQL, Snowflake

Frontend:

HTML, CSS (Bootstrap), Angular (basic knowledge)

Version Control & DevOps:

Git, Docker

Operating Systems:

Linux, Windows

Languages

Armenian - Native proficiency

Russian - Professional working proficiency

English - Professional working proficiency