

Software Developer



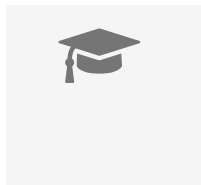
ABOUT ME

I'm a passionate software developer with a strong background in Java, Spring Boot, JavaScript and web development. I enjoy building efficient, scalable applications and continuously expanding my skills. I have hands-on experience in enterprise-level software development. Currently, I'm working on cloud-based applications using React, Express, and DynamoDB, and I'm excited to keep learning and growing in this ever-evolving field.

As a computer scientist and mathematician, I have used math and technology in many different and interesting ways throughout my career and schooling. I am ready to apply my skills and experience to a new challenge as a Software Developer and continue my professional growth, upon the training I received at Revature.

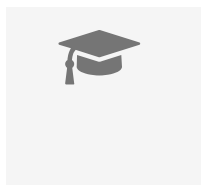


Education & Certification



Master's Degree - Mathematics

 State University of Moldova - Jul 2006



Bachelor's Degree - Applied Mathematics

 State University of Moldova - Jul 2005



Oracle Certified Foundations Associate

Oracle University

Issued On : Aug 1, 2023

Online Transcript :

<https://brm-certview.oracle.com/ords/certview/ecertificate?ssn=OC4517658&trackId=JAVA8OJA&key=11789e533b27e43f88b6cd76538b450d66f1b7df>



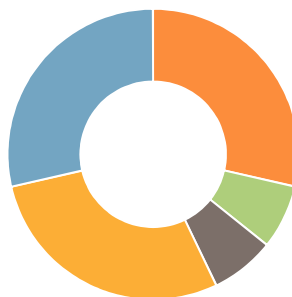
Skill Matrix

Java SQL Rest



- Data Structures and Algorit...
- Java - Design Patterns (12)
- Java Advanced (6)
- Java Intermediate (12)
- Java Fundamentals (12)

Spring Boot



- Spring Boot Basics (12)
- Spring Boot Actuator (3)
- Spring Testing (3)
- Spring Data (12)
- Spring Web (12)

Java SQL Rest

- Data Structures and Algorithms
- Java - Design Patterns
- Java Advanced
- Java Intermediate
- Java Fundamentals
- Agile for Developers
- Git Fundamentals
- SQL
- JDBC
- Rest
- Javalin

HTML CSS JavaScript



- HTML (6)
- CSS (6)
- JavaScript (6)
- Angular (6)

Spring Boot

- Spring Boot Basics
- Spring Boot Actuator
- Spring Testing
- Spring Data
- Spring Web
- Spring Core
- Spring MVC

Serverless JS



- NodeJS (2)
- Postman (6)
- REST (6)
- CSS (6)
- Express.js (2)

HTML CSS JavaScript

- HTML
- CSS
- JavaScript
- Angular

Serverless JS

- NodeJS
- Postman
- REST
- CSS
- Express.js
- System Testing
- AWS EC2
- AWS S3
- AWS CodeBuild
- DynamoDB
- Jest
- TypeScript
- AWS CodePipeline
- React
- Agile-Scrum
- CodeDeploy



Work Experiences

Revature

Mar 2025 - Apr 2025

Software Developer

My Movie List

Mar 2025 - Apr 2025

Role : Team Scribe

Description

A social media platform focused on providing users with the ability to build their own movie watch lists to share with other users. Movies can be searched/sorted by key details like : genre, reviews, critic scores, etc. Users can collaborate on creating watch lists, like and comment under other watch lists, and get recommendations based on their friend's watch lists.

Responsibilities

- Designed and prototyped the web app UI/UX using Figma
- Practiced Agile methodologies, including daily stand-ups and task management using Trello
- Acted as team scribe during Agile ceremonies
- Built and integrated RESTful API endpoints using Node.js and Express.js to handle server-side logic and client-server communication
- Utilized AWS DynamoDB for efficient storage and retrieval of structured data such as user information

- Developed and maintained unit tests using Jest, achieving over 90% code coverage and ensuring code reliability
- Implemented secure user authentication and authorization using JWT tokens to protect sensitive endpoints
- Managed version control and team collaboration using Git and GitHub as the centralized codebase
- Deployed the application on AWS EC2 using AWS CodePipeline and CodeBuild for continuous integration and delivery (CI/CD)
- Encrypted sensitive user data using Bcrypt to ensure privacy and security within the DynamoDB database
- Designed and developed accessible front-end interfaces using React, TypeScript, HTML, and CSS
- Stored and served user profile images securely through AWS S3 buckets

Tools / Technologies

Agile-Scrum, Postman, DynamoDB, NodeJS, Express.js, Jest, React, TypeScript, CSS, AWS EC2, AWS CodePipeline, AWS CodeBuild, CodeDeploy, AWS S3, REST, System Testing

Expense Reimbursement System (ERS) - Node

Mar 2025 - Mar 2025

Role : Lead developer

Description

The Expense Reimbursement System (ERS) will manage the process of reimbursing employees for expenses incurred while on company time. All employees in the company can login and submit requests for reimbursement and view their past tickets and pending requests. Finance managers can log in and view all reimbursement requests and past history for all employees in the company. Finance managers are authorized to approve and deny requests for expense reimbursement.

Responsibilities

- Built **RESTful APIs** using **Node.js** and **Express** to handle authentication, request submission, ticket approval, and ticket history retrieval.
- Integrated **AWS DynamoDB** as a NoSQL database to store and retrieve user and reimbursement data efficiently.
- Implemented user roles and authorization logic to distinguish between employee and finance manager access.
- Designed endpoints to securely handle login, ticket submission, and status updates.
- Used **AWS SDK** for seamless integration with DynamoDB and efficient querying.
- Applied input validation and error handling to ensure robust API functionality

Tools / Technologies

JavaScript, Node.js, Express, AWS SDK, DynamoDB, Web API, REST

Revature

Java Intern

Aug 2024 - Oct 2024

Revature Pre-Employment Program

Aug 2024 - Oct 2024

Role : Back-end Developer

Responsibilities

- Developed programming skills in Java, SQL, RESTful API Construction and Spring Framework
- Implemented project work including construction of functional REST APIs using Test Driven Development methodologies
- Completed 108 Coding Activities
- Showcased understanding of concepts through fourteen (14) evaluations
- Leverage Java APIs to write algorithms to solve various challenges and problem sets

Tools / Technologies

Java, SQL, JDBC, Maven, GIT, Javalin, JUnit, Mockito, Logback, Spring Framework, Spring Boot, Spring Web Module, Spring Data JPA Module.

Social Media Blog API

Aug 2024 - Oct 2024

Role : Lead developer

Description

This social media application will be an api backend without a frontend. The app will have the ability to manage user accounts and messages that they submit to the application. Users will be able to see all of the messages posted to the site as well as the messages posted by a particular user. In either case, we require a backend which is able to deliver the data needed to display this information as well as process actions like logins, registrations, message creations, message updates, and message deletions.

Tools / Technologies

Java, Javalin, JDBC

Spring Social Media Blog API

Aug 2024 - Oct 2024

Role : Lead developer

Description

This social media application will be an api backend without a frontend. This may sound familiar, as this was the goal of your previous capstone project. Here the app will have the same functionality, including the ability to manage user accounts and messages that they submit to the application. However, this application should be created using the Spring Framework, including Spring Boot, and Spring Web. Similar to the previous iteration of this project, the backend you will create needs to be able to deliver the data needed to display this information as well as process actions like logins, registrations, message creations, message updates, and message deletions.

Tools / Technologies

Spring Boot, Spring Data, Spring Framework



Other Experiences

Varsity Tutors

Feb 2024 - Feb 2025

Math and Java Tutor

Tutor at Varsity Tutors

Feb 2024 - Feb 2025

Role : Tutor

Responsibilities

Providing assistance with homework

Tools / Technologies

Varsity Tutors LLP, Java, Eclipse, Spring Boot

Tutor.com

Jan 2024 - Feb 2025

Math and Java Tutor

Tutor at tutor.com

Jan 2024 - Feb 2025

Role : Tutor

Responsibilities

Helping students with homework; providing assistance with projects; help with debugging code

Tools / Technologies

tutor.com classroom, Java, Eclipse, Spring Boot

Genspark

Mar 2023 - Nov 2023

Java Full Stack Developer

Java Full Stack Developer at Genspark

Mar 2023 - Nov 2023

Role : Java Full Stack Developer

Tools / Technologies

Java, Spring Boot, Hibernate, MySQL, Postman, HTML, CSS, TypeScript, Angular

Self employed

Jan 2023 - Mar 2023

Personal Projects

Client and Project Management System

Jan 2023 - Mar 2023

Role : Lead Developer

Description

<https://github.com/Luciaonica/ClientProjectManagementMicroservices> An application for managing projects based on role authentication and authorization. Clients can register and add/update/cancel the projects. Developers can choose and assign a project, complete/cancel the projects for the clients. Admin can manage everything.

Tools / Technologies

Spring Boot, Microservices, Spring Security and JWT, AWS RDS and MySQL, Angular, Bootstrap, AWS Code Commit, Build and Pipeline, ECS Fargate, ECR, Load Balancer, Auto Scaling, Service Connect

Food Delivery Platform

Jan 2023 - Mar 2023

Role : Lead Developer

Description

<https://github.com/Luciaonica/food-delivery-platform> An application for managing restaurants and foods. Restaurant can register and add/update/delete dishes. Admin can enable/disable restaurant. Public user can view the menu and order online.

Tools / Technologies

Spring Boot, Angular, AWS EC2, Elastic Beanstalk, S3, RDS and MySQL

Customs Service of Republic of Moldova

Aug 2005 - Jul 2020

Chief Inspector at Customs Service

Aug 2005 - Jul 2020

Role : Chief Inspector

Responsibilities

Worked in the Technology and Statistics Department.

Participated in implementation of a new software ASYCUDA WORLD.

Did statistical analysis, risk analysis and physical and documentary verification.

Applied economic policy measures.

Certification of preferential origin.

Tools / Technologies

ASYCUDA WORLD Risk analysis; statistical analysis



Honors & Awards

Certificate of Merit

For rendering exceptional service to the international Customs community

Received From : World Customs Organization

Received On : Jan 31, 2019