Calin Chelcea
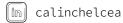
chelceacalin | calinchelcea | chelceacalin1@gmail.com | (+40) 763 654 280

EXPERIENCE

PHI PARTNERS | Java Developer | Spring, Java, Minio, Podman, Grafana, Git
Oct 2024 - Present | Bucharest, Romania

- Built a custom logger for Spring JDBC that improved debugging efficiency, making SQL queries easier to track even when tables were passed as parameters.
- Migrated microservices from Java 11 with Spring Boot 2 to Java 17 with Spring Boot 3.
- Enhanced integrations with Minio, SharePoint, and Grafana and wrote automation scripts to improve the release cycle processes.
- Developed an internal regression testing tool for validating Excel file outputs across environments, allowing users to compare 2 zip files containing excel files at once

ESOLUTIONS | Junior Software Developer | Spring, Java, React, PostgreSQL, Git, Flyway, Redis, Docker
July 2023 – June 2024 | Bucharest, Romania

- Built a headless CMS, enabling content management without coding through RESTful API integration
- Engineered performance mechanisms, including caching, ETags for optimized HTTP traffic, filtering mechanisms, webhooks, and scheduled jobs.
- Involved in the creation a CMS-driven website that dynamically loads Mustache templates and data, making it easy for non-technical people to edit content and change the website without the need to code.

AMERICAN GREETINGS ROMANIA | Data Warehouse Developer Junior
July 2022 – March 2023 | Bucharest, Romania

- Orchestrated and maintained ETL processes using Informatica Cloud and SSIS.
- Wrote and optimized SQL and PL/SQL scripts for data manipulation.
- Administered and monitored data warehouse operations on Linux systems.

ORACLE ACADEMY CLUB | Software Developer Apprentice
October 2021 – June 2022 | Bucharest, Romania

- Participated in technical and non-technical workshops conducted by Oracle employees.
- Developed a News Web Application as the final project for the academy, allowing users to view daily news, add comments, authenticate and more.

PROJECTS

RENT NOW | Spring Boot, Java, React, PostgreSQL, Minio, Python, Eureka

- Implemented a microservices-based book rental system for an online library, including book management, rentals, statistics and personalized recommendations.
- Integrated image storage with Minio object storage and established telemetry using Grafana, Loki and Prometheus
- Implemented chatbot functionality using RAG for book recommendations and FAQs.

TRACK IT | Spring Boot, Java, React, PostgreSQL

- Created a web application for tracking employee activity with session-based authentication using JWT.
- Added complex features such as authorization, pagination, filtering, and image handling.
- Enabled employees to see dashboards with their most used pages and navigate back to them easily.

FOOD WASTE APP | React, Node.js, Express, MySQL

- Created a Food Waste Management application integrating Firebase and Google Authentication, synchronized with MySQL for data management.
- Integrated key features such as product management, reservation functionality, and a donation system.

SKILLS

PROGRAMMING

Experienced:
Java • Spring Boot • SQL HTML • CSS • Redis • Mustache Maven • Flyway • Docker

Familiar:
React • JavaScript • SCSS • Kubernetes

TOOLS/PLATFORMS

Ubuntu • Jira • Gitlab • Git • Grafana • Confluence • Minio • BitBucket • Github • Jenkins

EDUCATION

2023 – 2025
FACULTY OF CYBERNETICS, STATISTICS AND INFORMATICS (A.S.E.)
Master's Degree, Informatics Systems for the Management of Economic Resources

- Gained in-depth knowledge of database management, information systems, and economic resource planning.
- Participated in projects such as developing a web application deployed on Google Cloud Platform (GCP) in which users can communicate through emails.

2020 – 2023
FACULTY OF CYBERNETICS, STATISTICS AND INFORMATICS (A.S.E.)
Bachelor's Degree, Computer Science

- Acquired a solid foundation in computer science principles and practices.
- Enhanced collaboration and interpersonal skills through participation in multiple team projects.