Lucian Davidescu

SENIOR SOFTWARE ENGINEER

Details

Cluj-Napoca
Romania
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Links

https://luciandavidescu.com

GitHub

Linkedin

Skills

Java

React

JavaScript

Spring / Spring Boot

Rest API

SQL

Hibernate / JPA

Git

Docker

AWS

Kotlin

Languages

Romanian

English

Profile

Experienced senior software engineer with a successful track record of **9+ years** in delivering highly effective software solutions. Specialized in full-stack development, with expertise in Java and React. Proficient in utilizing a diverse range of technologies, programming languages, frameworks, and platforms to develop robust and scalable applications.

Employment History

Senior Software Engineer, Aibuild

AUGUST 2023 — PRESENT

- Enhanced user experience by redesigning the UI to a more intuitive and modern interface using the latest version of React.
- Improved application performance by optimizing frontend-backend communication, reducing unnecessary requests and decreasing page load time from 6 seconds to under 500 milliseconds.
- Contributed to the implementation of collision detection and rendered 3D visualizations on the UI using the Three.js library.

Senior Software Engineer, Maretha Solution

SEPTEMBER 2022 — AUGUST 2023

- Implemented Nuxeo technology on various projects at Maretha Solutions, including preparing a library to facilitate Nuxeo integration with a React addon.
- Facilitated integration with Nuxeo across different teams from various regions globally, ensuring seamless communication and consistent implementation.
- Achieved 3 different Nuxeo certifications, demonstrating deep expertise in the platform.

Project consultant, Codemart

FEBRUARY 2022 — SEPTEMBER 2022

- Proudly continued work with Codemart as a Consultant, focusing on improving development and delivery velocity for their complaint management system used by Germany's public transportation industry.
- Provided technical assistance, backlog refinements, and feature discovery to enhance the system's efficiency in handling customer complaints.

Team Leader ● Project Manager, Codemart

FEBRUARY 2020 — FEBRUARY 2022

- Successfully led an 8-person team in designing and implementing all requirements.
- Improved code quality through continuous refactoring on both the backend and frontend.
- Accelerated team development and delivery velocity by providing technical assistance, backlog refinements, and feature discovery.
- Transformed from a task-oriented developer to a people-oriented leader, emphasizing optimization, quick problem-solving, and effective communication.
- Responsible for training junior team members, utilizing Agile scrum and JIRA/Youtrack for task management.

Software Engineer, Codemart

AUGUST 2016 — FEBRUARY 2020

- Streamlined automation tests using Docker and Jenkins pipelines, resulting in a drastic reduction in deployment time on demo servers and increased team productivity.

- Optimized data loading performance by redesigning the transport model and fine-tuning the data layer, achieving significant performance improvements.
- Refactored and modernized legacy code, migrating from a Struts-XML Spring-based architecture to a client-server architecture using Spring Boot with Rest API and React.
- Integrated flyway usage into a multi-module project for seamless database migrations.
- Developed expertise in a variety of testing tools, including Selenium for integration tests, Mockito for JUnit tests, and JMeter for performance analysis, ensuring high-quality software products.

Software Engineer Internship, Codemart

JULY 2016 — AUGUST 2016

- Applied academic knowledge and acquired new skills during an internship at Codemart.

Information Technology Specialist, Chimdet

AUGUST 2013 — JULY 2016

- Designed and implemented a Java solution that automated over 50 hours of monthly manual work for a local detergent production and delivery business.

Education

Engineer's degree, Computer Science, Technical University of Cluj Napoca, Cluj-Napoca

OCTOBER 2013 — JULY 2017

Economics master degree, Computer Science in Economy, Technical University of Cluj Napoca, Cluj-Napoca

OCTOBER 2017 — JULY 2019