




Dániel Árvai

Software Developer

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Profile

I'm a software engineer specializing in backend web application development with an interest in containerization technologies and infrastructure-as-code.

Experience

Loxon Solutions

2023 Jan – present

Junior Software Engineer

Remote

Product: retail lending system

Technologies:

- Java EE 8
- Oracle Database
- custom in-house framework

Responsibilities:

- development of new features
- maintaining the existing code base
- creating database schema migration scripts
- creating software releases
- performing manual deployments to UAT environments
- supporting QA
- debugging & incident investigation
- answering customer questions via email

Accomplishments:

- worked on a several year long project to support a core banking system replacement
- created integrations with several other systems that are used within the client bank's network, e.g Fraud Management System, etc.

InnovITech

2022 Jul – 2022 Dec

System Analyst

Eger, Hungary

Product: management system for a grapevine pruning robot

Responsibilities:

- designing technical aspects of new features, including database schemas, user interfaces and interactions
- software specification, including logical system design documents, UML diagrams (entity/class, use-case, sequence) and UI wireframes

Accomplishments:

- worked on a feature that manages different areas on a map in order to give the robot specific commands through the management software

Eszterházy Károly Catholic University

2022 Jan – 2022 May

Teacher's Assistant

Eger, Hungary

Subjects:

- Algorithms and Data Structures 1 (*Search and Sort Algorithms*)

- Introduction to Artificial Intelligence (*Graph Search Algorithms*)

Responsibilities:

- creating lesson plans
- teaching live-coding classes in a computer lab
- grading exams
- answering students' questions in person and via email

Education

Eszterházy Károly Catholic University

Computer Science BSc

GPA: 4.71

Specialization: Software Development

2019 – 2022

Eger, Hungary

Skills

Programming languages: Java, Go, JavaScript, Erlang, Elixir, C#, Python

Database systems: Oracle, MySQL

Web technologies: HTML, CSS, Java EE 8, Jakarta EE 11+, Node.js, React, Express.js

Version control: Git, GitHub, GitLab, Gerrit, SVN

Server management: Linux, bash, ssh, systemd

Containerization: docker, docker-compose, podman

System Design and Specification: database design, UML, wireframe

Languages

Hungarian – Native • English – C1