




# Dániel Árvai

Software Developer

📍 Eger, Hungary   ✉ contact@arvaid.net   🔗 arvaid.net    arvaid    arvaid    arvaid

## Profile

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

## Experience

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**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 the final stages of 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

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**Eszterházy Károly Catholic University**

2019 – 2022

*Computer Science BSc*

Eger, Hungary

**GPA:** 4.71

**Specialization:** Software Development

## Skills

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**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

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Hungarian – Native • English – C1