




# Dániel Árvai

Software Developer

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

## 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**

2019 – 2022

*Computer Science BSc*

Eger, Hungary

**Grade:** 4.71

**Specialization:** Software Development

**Favorite subjects:**

- Server Administration
- Framework-based Software Development

## Skills

---

**Linux:** User knowledge, basic server management (tmux, ssh, systemd)

**Java:** Spring Boot 2.0, Java EE 8, some Jakarta EE 17 experience, WebLogic application server

**SQL:** Experience with: Oracle, MySQL, SQLite, some PostgreSQL

**Docker:** Can create and manage containers using docker build and docker compose

**JavaScript:** I can create front-end applications with React

**HTML, CSS**

**C#**

**Git:** Advanced usage of version control