# Dániel Árvai
## *Software Engineer*

📍 Eger, Hungary
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## Profile

Software engineer with 2 years of IT experience. Passionate about technology and always trying to learn new skills. Interests include web technologies, especially on the back-end/server-side, Docker and other containerization technologies, Linux, and learning new programming languages.

## Professional Experience

**Junior Software Engineer,** *Loxon Solutions* ⧉           2023 – present | (remote), Hungary
**Project:** retail lending system
**Technologies:**
- Java EE 8
- Oracle Database
- custom in-house framework

**Tasks:**
- development of new features
- maintaining existing code base
- creating database schema migration scripts
- creating release packages
- performing manual deployments to UAT environment
- supporting QA
- debugging & incident investigation
- answering customer questions via email

**System Analyst,** *InnovITech* ⧉           Jul 2022 – Dec 2022 | Eger, Hungary
**Tasks:**
- designing new functionality
- database design
- technical writing
- software specification
- creating Logical System Design and Technical System Design documents
- creating UML diagrams for documentation (entity/class, use-case, sequence)
- creating UI wireframes

**Teacher's Assistant,**           Jan 2022 – May 2022 | Eger, Hungary
*Eszterházy Károly Catholic University* ⧉
**Tasks:**
- creating lesson plans
- teaching classes in computer lab
- grading exams
- answering students' questions in person and via email

**Subjects:**
- *Algorithms and Data Structures 1*
  Students learn the basics of solving problems through algorithms (control flow, time complexity) and common algorithms for searching and sorting data.
- *Artificial Intelligence*
  Students learn about graph search algorithms through implementing them to solve puzzles, as well as AI methods such as decision trees, minimax algorithm and alpha-beta pruning through solving simple multiplayer games.

## Education

**Computer Science BSc,**                                          2019 – 2022 | Eger, Hungary
*Eszterházy Károly Catholic University*
**Grade**: 4.71
**Specialization**: Software Development

## Skills

**Linux**
User knowledge, basic server management
systemd, tmux, ssh

**Java**
Spring Boot 2.0, Java EE 8, some Jakarta EE
experience

**SQL**
Oracle, MySQL, SQLite, PostgreSQL

**Docker**
docker CLI, docker compose

**Soft Skills**
Teamwork, Communication, Problem Solving

**Python**
Scripting

**C#**
WinForms, WPF, gRPC

**JavaScript**
ES6, React

**Erlang & Elixir**
Development of distributed software applications

**Go**
I'm beginning to learn

## Languages

**Hungarian**
Native

**English**
C1

**German**
A1