Personal information

Ernő Zalka (M)

Nationality: **Hungarian**

Personal presentation

Software Engineer, Test Engineer

Innovative and dedicated software developer, architect and mentor with experience in various fields and roles. Focused on long-term goals: quality, maintainability, smooth development process. Not only creates clean, modular, maintainable code, but inspires and helps others to do the same, educates and supports young talents. Enjoyed programming since teenager age and still does. Actual brain problem: learning Rust, created first crate and working on a larger multi-client system.

Work experiences

December 2023 — November 2024

software developer

Alternative job title: **Sowtware Engineer**

Skills:

perform scientific research · Use object-oriented programming · identify customer requirements · Pascal (computer programming) · Internet of Things · engineering principles · debug software · object-oriented modelling · migrate existing data · integrated development environment software · AJAX · software anomalies · Jenkins (tools for software configuration management) · use technical drawing software · Eclipse (integrated development environment software) · engineering processes · Computer programming · use concurrent programming · use software libraries · define technical requirements · Remove rust from motor vehicles · provide technical documentation · analyse software specifications · Python (computer programming) · Scratch (computer programming) · PHP · use software design patterns · Ansible · use logic programming · C++ · collect customer feedback on applications · create flowchart diagram · tools for software configuration management · World Wide Web Consortium standards · interpret technical requirements · integrate system components · Assembly (computer programming) · adapt to changes in technological development plans · use automatic programming · manage engineering project · develop software prototype · Java (computer programming) · develop creative ideas · project management · JavaScript

Employer: **YottaDB LLC**
United States

Subjects covered: *** Create integration tests [CSH] [Expect] [MUMPS]**
* Implement/fix platform modules [C] [Rust]

Language skills

English

Mother tongue:	**No**
Listening:	**B2. Vantage or upper intermediate**
Reading:	**C2. Mastery or proficiency**
Able to exchange short spoken messages:	**C1. Effective Operational Proficiency or advanced**
Able to deliver long and elaborate speeches:	**B1. Threshold or intermediate**

Writing:	**B2. Vantage or upper intermediate**
Hungarian	Mother tongue: **Yes**

Skills

Skills related to an experience:

define technical requirements · interpret technical requirements · Eclipse (integrated development environment software) · integrate system components · Java (computer programming) · debug software · provide technical documentation · develop software prototype · Python (computer programming) · use technical drawing software · JavaScript · PHP · create flowchart diagram · use logic programming · use software design patterns · use automatic programming · manage engineering project · software anomalies · Computer programming · perform scientific research · C++ · project management · use concurrent programming · Scratch (computer programming) · tools for software configuration management · adapt to changes in technological development plans · identify customer requirements · Internet of Things · migrate existing data · integrated development environment software · World Wide Web Consortium standards · develop creative ideas · engineering principles · use software libraries · analyse software specifications · Pascal (computer programming) · Ansible · engineering processes · Use object-oriented programming · object-oriented modelling · AJAX · Jenkins (tools for software configuration management) · Remove rust from motor vehicles · collect customer feedback on applications · Assembly (computer programming)

Driving licence

Driving licence:	B · B1

Desired conditions

Earliest starting date	**05/12/2024**