

David Hrdina Němeček

Software developer. Engineering lead.

Contacts

www.dejvino.cz

<u>explosive@dejvino.cz</u>

git.dejvino.cz

github.com/Dejvino

cv.dejvino.cz

cv.dejvino.cz/pdf

\(+420 775 26 26 32

Brno, Czechia

Work Experience

Current position

Senior Software Development Manager (UI Platform)

Oracle NetSuite, 2022 - present

Engineering lead for multiple UI Platform teams who designed, developed and released a UI framework and tooling used by the rest of the organization. Leader of a UI testing architecture group responsible for defining a testing strategy across the UI Platform.

TypeScript Preact

NodeJs Oracle JET

Java Git

Software Development Manager (UI Platform)

Oracle | NetSuite, 2020 - 2022

Engineering lead for a UI Platform team who developed components for a UI toolkit used by the rest of the organization.

Technical product owner while bootstrapping a team.

TypeScript Preact

NodeJs Oracle JET

Java Git

Software Development Manager (ERP, Tax)

Oracle NetSuite, 2017 - 2020

Lead developer for ERP: Tax. Design and implementation of a pluggable Tax calculation engine. Coordination of multiple squads supporting both the legacy and the next-gen systems concurrently.

Java Oracle SQL

JavaScript Perforce

Git

Software Architecture

Senior Software Engineer (ERP, Tax)

Oracle NetSuite, 2013 - 2017

Development of Tax calculation and reporting modules in a cloud ERP system. Large-scale refactoring of legacy code. Introduction of a pluggable architecture. Java Oracle SQL

JavaScript Perforce

Legacy code refactoring

Software Engineer

Q2 Interactive, 2009 - 2013

Development and project leadership of multiple web applications and services:

- CRM system (PHP backend server, JavaScript frontend, Android client app),
- Accounting web app (PHP, JavaScript),
- e-commerce sites (Magento),
- Linux server maintenance.

PHP Java JavaScript

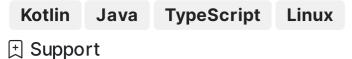
MySQL Server hosting

Linux Android

Subversion (SVN)

Skills

★ Main



Go JavaScript Oracle SQL Git React Preact Python

□ Languages

Czech (native) English (proficient) German (elementary)

Interests

Guitars Heavy Metal Mazda MX-5 DIY electronics Linux Open source

Education

Master's degree, Parallel and Distributed Systems

Faculty of Informatics, Masaryk University Brno, 2011 - 2013

Master's thesis: Efficient computation and visualization of correlations in medical signals.

The first part consisted of high-performance computation of correlations on large volumes of analog data using supercomputers.

The second part covered the visualization of the computed results which allowed interactive exploration and processing of the data by a researcher.

Bachelor's degree, Parallel and Distributed Systems

Faculty of Informatics, Masaryk University Brno, 2008 - 2011

Bachelor's thesis: Parallel implementation of force-field decompression algorithm.

The solution executed on a supercomputer cluster to perform real-time simulation of molecular forces. This in turn provided haptic feedback to a 3D pointing device.

Projects

Currently active

Open Source Contributor

Code contributor to open source projects, shared on <u>github.com/Dejvino</u> and <u>git.dejvino.cz</u>.

E.g. SimpleMobileTools Android suite.

Kotlin Android Python Open Source Git

C/C++ Supercomputers

C/C++ Supercomputers

OpenMPI Data science

OpenMPI Python

Visualization

Data science

Personal projects

Various hardware and software projects. Usually open sourced and published on <u>projects.dejvino.com</u> and <u>git.dejvino.cz</u>.

These include video games, utilities, 3D models, retrofitting devices with embedded microcontrollers etc.

Java Python

TypeScript Embedded

OpenSCAD Linux

Open Source

Self-hosting