



Ing. Dalibor Králík

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IT Skills

Front-end development

React, Next.js, TypeScript, JavaScript, TailwindCSS, Framer Motion, HTML, CSS, Sass, Zod, Tanstack Query

Testing

Jest, Cypress, Vitest, React Testing Library, Lighthouse

Tooling

Vite.js, Git, Storybook, React Hook Form, Node.js, Figma, Solana web3.js, LottieFiles, PostgreSQL, Next-Auth

Other programming languages

C++, C#, Python, PHP, ABAP, Bash, SQL

Work experience

Front-end Developer – Deutsche Telekom Services Europe

02. 01. 2024 – present

- As part of AIS team (AI shared services) I worked closely with AI experts (data scientists and AI researchers)
- Created internal component library
- Built chatbot app product scaled for hundreds of users (main front-end developer)
- Used Next.js, React, TailwindCSS, Framer-motion, Tanstack React Query, Storybook, Zod, Typescript, Radix UI, React Hook Form, Vite.js, Vitest, Cypress, Lighthouse and Jest

SAP BW Software Developer – CVIS BUT, Brno

01. 02. 2022 – 31. 12. 2023

- Worked closely with the database department (3 workers) and analysts at the (11) faculties and departments of the BUT university
- Used SAP Business Warehouse, SAP Business Objects, SAP BW/4HANA, ABAP, SQLScript for processing the data. Created and processed the data with OLAP technology (ETL and data cubes)

Project Assistant – EduEra NGO, Košice

01. 04. 2020 – 31. 09. 2020

- Wrote one Erasmus+ youth exchange in collaboration with Ukrainian youth organization. Created one European solidarity Corps project in Slovakia based on knowledge of project management. Gained experience in project management.

Education

Master's degree (2023 – 2025)

Masaryk University – Faculty of Informatics

Study program: Software Engineering (Design and Development of Software Systems)

Bachelor's degree (2020 – 2023)

Brno University of Technology – Faculty of Information Technology

Study program: Information Technology

Freelance projects

Hackathon 2023 event webpage – JINAG, Brno

01. 04. 2023 – 31. 05. 2023

- Created UX/UI design in Figma based on client's requirements. Coded and scaled landing page for a hackathon event in Brno using HTML, SASS, Vite.js, LottieFiles and JavaScript
- Worked closely with a client to meet their requirements

Dny AI 2022 event webpage – Brno.ai, Brno

01. 07. 2022 – 31. 08. 2022

- Created and scaled landing page for an event about the AI based on provided UI/UX design using HTML, SASS, PHP and JavaScript
- Worked closely with UI/UX designer and client to meet their requirements

Other projects (mostly on GitHub)

CryptoForge

- Web3 app offering interaction with the Solana blockchain - token minting, liquidity pool creation, transaction multisender, token burning, revoking token authorities, wallet information
- Next.js, TailwindCSS, Typescript, Tanstack Query, Solana web3.js, Framer-motion, Figma

Development of a Front-End Testing Framework: Strategies, Tools, and Implementation (Master thesis)

- Front-end Testing Framework - PDF guide with tech-stack, strategies, pitfalls, code examples how to test modern front-end apps. Covers all testing phases.
- Next.js template - ready to use template with pre-initialized testing environments for all testing phases.

Statsly.app

- Analytical app with connection to multiple social media platforms with oauth2. Uses data for analytics and creating media kits.
- Next.js, TailwindCSS, PostgreSQL, API, Typescript, Tanstack Query - full-stack app

Personal web

- Next.js, TailwindCSS, Typescript, Framer-motion, Figma

BrainFree v2 - full-stack web app for priority management

- Next.js, TailwindCSS, Typescript, Next-Auth, React-Query, Zod, Figma, team of 3 developers

Foreign languages

English language - B2 (several study stays abroad)

German language - A2 (Deutsche Sprachdiplom)

Czech language - C1 (study at universities in Czech language)

Certificates, trainings and awards

2023	<u>BUT rector's award for bachelor's studies</u>
2023	Youthpass (Erasmus+ project: YOUTH FOR DEMOCRACY - DEMOCRACY FOR YOUTH, Norway) - European Commission
2023	Youthpass (Erasmus+ project: Bet on You, Spain) - European Commission
2022	Youthpass (Erasmus+ project: Mindfulness for the planet, Sweden) - European Commission
2021	Project management module II - IUVENTA (NIVAM)
2020	Project management module I - IUVENTA (NIVAM)
2020	Project management - ZIPCEM
2020	Nexteria Lab
2020	DOFE Bronze level - The Duke of Edinburgh's Award
2018	Youthpass (Erasmus+ project: Leisure and Pleasure, Hungary) - European Commission
2017	Youthpass (Erasmus+ project: Democracy - make it better, Poland) - European Commission