



# Ing. Dalibor Králík

## Contact



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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

### AI Tooling

Claude Code, Codex, Cursor, Github  
Copilot, multiagent teams and  
workflows, MCP servers

### Tooling

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

### Other programming languages

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

## Work experience

### Senior Software Developer - SONET (member of Payten)

02. 03. 2026 - present

- Focused on front-end development and integration of the AI into the SDLC
- Implementation of internal component library (fully covered by tests, CI/CD deployment and distribution to other project as npm package)
- Application transformation from legacy tech-stack to the latest React + Typescript tech-stack. Focused on security, accessibility and ergonomics
- AI configurations for multi-agent team workflows (Codex, Cursor, Github Copilot). Implementation of the MCP server for realtime interaction with remote MSSQL databases
- Used React, TailwindCSS, Tanstack React Query, Storybook, Zod, Typescript, Radix UI, React Hook Form, Vitest and Lighthouse

### Front-end Developer - Deutsche Telekom Services Europe

02. 01. 2024 - 28. 2. 2026

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

### 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)

## 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

## Other projects (mostly on GitHub)

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### CloakForge

- 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

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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

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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