

Bc. Erik Zurvalec

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- A self-motivated software developer with 4+ years of experience, specializing in end-to-end application development.
- Developed several diverse projects, including E-commerce and Access Management applications, a pipeline application (similar to Jira), and mobile apps using Flutter and React Native.
- Brings 3 years of expertise in Node.js and React.js, 1 years in Java, and have served as a mentor and architect on various projects.

WORK EXPERIENCE

Law platform 2024 -

Description: Building platform for lawyers and customers

Position in Team: Full-stack developer

Work Part in Details: I build secure and efficient internal tools for a law firm, automating legal workflows, document handling, and case tracking using modern web technologies and AI.

Tools: NodeJS, NextJS, javascript, html, css, git, docker, Typescript, postgresql, ReactJs

E-commerce 2024

Description: Implementation of e-shop custom solution

Position in Team: Freelance

Work Part in Details: I developed an e-commerce platform using Next.js, NestJS, PostgreSQL, and Minio. The application allows users to purchase items, which contains integration of payment, delivery APIs,

Tools: NodeJS, NestJS, NextJS, javascript, html, css, git, docker, Typescript, postgresql

Portfolio 2024

Description: Portfolio project

Position in Team: Freelance

Work Part in Details: Implemented my portfolio application in NextJS + tailwinds and accernity ui.

Tools: NextJS, docker, git

Mobile app 2023

Description: Implementing a ticketing tool as mobile application

Position in Team: Freelance

Work Part in Details: I developed a mobile app using Flutter, NestJS, and PostgreSQL. The app features ticket criteria management, real-time chats, login, and photo uploads.

Tools: NodeJS, NestJS, Flutter, javascript, git, docker, Typescript, postgresql

11/2024 - **Full-Stack Developer, TramaTm, Slovak Republic**

Trama 2024 -

Description: Building platform for lawyers and customers

Position in Team: Full-stack developer

Work Part in Details:

- As a senior software engineer at a law firm, I design and develop advanced internal and external tools to streamline legal workflows, automate document management, and improve case tracking efficiency. My work includes integrating AI for legal data analysis, enhancing user experience in legal apps, and ensuring security and compliance in all digital systems. I build scalable, optimized solutions that empower legal professionals to work smarter and faster.
- **Tools:** NextJs, NodeJs, Postgres, Hasura, GraphQL, ReactJS, javascript, html, css, github, docker, AWS, express.js, Typescript, ci-cd pipelines

1/2023 - 5/2024 **Full-Stack Developer, IBM, Slovak Republic**

Client Access Management 2023 - 2024

Description: This project involved making CAM applications compliant.

Position in Team: Developer – Leader of the Project

Work Part in Details: The development was divided into three parts:

- **External Application:** Developed a new frontend app in ReactJS to display user entitlements, with features such as removing, reopening, and creating entitlements, and integrated an express middleware to parse data from old APIs.
- **Internal Application:** Redesigned a vulnerable frontend application and created a new middleware, allowing users to approve, reject, reopen, or trash entitlements based on access, with implemented login, JWT authorization, user roles, search, and metrics.
- **Redesign of application:** Participated in creating entire application architecture including database models, used tech, educating new developers and students.

Tools: Java, NodeJS, NestJS, ReactJS, javascript, html, css, git, docker, cloud, DB2, carbon design toolkit, express.js, Typescript, AngularJS, webcomponents, postgres, ci-cd pipelines

Swiftly: 2022

Description: Swiftly is ticketing tools based on Jira

Position in Team: Developer

Work Part in Details: Validation -> I implemented forms validation inside modal. The modal includes multiple forms. One of the forms was dynamic and generated by json structure stored in DB. Filtering -> filtering tickets inside pipelines Modals -> implementing multiple modals by business requirements. APIs -> implementing new modules and APIs by requirements.

Tools: ReactJS, NestJS, Postgres, docker, Typescript, NodeJS, sockets, JWT

Pubs 2022

Description : Creating new frontend by design system

Position in Team: developer

Work Part in Details: Implementation landing page containing advanced search, generating records to tables and creating details page

Tools: VueJS, carbon system design, git, docker

6/2021 – 12/2021 **Automation tester - Cypress, IBM**

Testing 2021

Description: Creation of E2E tests

Position in Team: tester

Work Part in Details: Covering 3 applications by E2E tests in Cypress and adding integration to QTest tool.

Tools: Cypress, NodeJS, git

EDUCATION

2019 – 2022 Applied Informatics, Fakulta elektrotechniky a informatiky (Slovenská technická univerzita)
Bratislava, Slovak Republic (Bachelor degree)

2015 – 2019 Gymnázium Martina Hattalu, Trstená, Slovak Republic

COURSE OR CERTIFICATE

- European Computer Driving Licence, ECDL Foundation 2018
- Functional Programming For Beginners With JavaScript, Udemy December 2021 – 2022
- Docker for Absolute Beginner - Hands On - DevOps, Udemy April 2022 - May 2022
- IBM Carbon Design System Developer Essentials - Vue, IBM February 2022 - February 2022
- IBM Carbon Design System Developer Essentials - React, IBM February 2022 - February 2022
- NestJS Zero to Hero - Modern TypeScript Back-end Development, Udemy (2022)
- Using TypeScript with React, Udemy (2022)
- Microservices with Node JS and React, Udemy (2023)
- Security and Privacy by Design Foundations, IBM (2023)
- Front-end Development with React, IBM (2023)
- Complete Angular Course 2023 - Master Angular in only 6 days, udemy (2024)
- RxJS 7 and Observables: Introduction, udemy (2024)
- Flutter & Dart - The Complete Guide [2024 Edition], udemy (2023)

SKILLS

ReactJS – Advanced

NestJs – Advanced

Java – Skillful

JavaScript – Advanced

TypeScript – Skillful

Next JS – Skillful

SQL - Advanced

Python - Basic

C - Basic

C++ - Basic

GitHub - Advanced

Vue.js - Skillful

Cypress - Skillful

Carbon system design - Expert
IBM Cloud - Skillful
Jira Atlassian - Skillful
Docker - Skillful
HTML 5 - Advanced
CSS - Advanced
PostgreSQL - Skillful
IBM DB2 administration - Skillful
NgRx - Skillful
Angular 17 - Basic
RxJs - Basic
Flutter - Basic

LANGUAGES

Slovak - Proficiency (C2)
English - Upper intermediate (B2)
German - Beginner (A1)
Polish - Upper intermediate (B2)

INTERESTS OR HOBBIES

Pro table tennis player, tech enthusiast, finance buff.

DRIVING LICENSE

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