DENIS USTIUZHANIN

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PROFILE

I am a 25 y.o. Russian Full-Stack engineer that lives in Czech Republic since 2017. I specialise in building backends with Node.js and frontends with React. I am also interested in mobile apps and PWAs.

EXPERIENCE

Software Engineer, Doosan Skoda Power, 2022 — Present

I engineer and maintain from zero a brand new application that should significantly increase the level of digitalisation in one of our departments. The application includes Redis session storage, parsing and saving excel files to AWS S3, requests to REST APIs built on top of PostgreSQL and Oracle DB(also designed and developed by myself). The most challenging part was pairing data from the mentioned APIs in a real-time overview table.

I have gotten a major role in transition of our infrastructure from on-prem servers to AWS Cloud. The transition itself was made in collaboration with our external dev-ops's. I contributed with the complete architecture of our microservices and their connectivity with AWS products such as ElasticCache, ECS, Cognito, etc.

I maintained a Java legacy monolith web application code(for PlayFramework) for more than one and half year. This was a teamwork in which I also played a role of a code reviewer.

Field instrumentation engineer I trainee, Doosan Skoda Power, 2018 — 2022

As a Skoda employee I worked in a team of 10 people. My position required me to work with technical documentation, edit different technical drawings in Autocad and Comos. It also gave me an opportunity to communicate with Skoda Power's clients. I often assisted in cross-database data searches that always challenged me to find the most elegant and suitable algorithm.

EDUCATION

Codecademy Full-Stack Engineer Career Path , Online — No degree, 2022

During this course I learned how to work with Express.js, React.js, Next.js, and more. I have awesome portfolio of big and complex projects listed on my GitHub page. The course was a great addition to the university programming courses I took in my bachelor study.

West of Bohemia University, Pilsen — Bachelor, 2020

As a Bachelor of Electrical Engineering and Information Technology I studied at Faculty of Electrical Engineering.

West of Bohemia University, Pilsen — No degree, 2017
I completed a 6 month Czech language course with a certificate of completion.

Ural Federal University, Yekaterinburg — No degree, 2017
I studied at Faculty of Thermal Energy for one semester prior to my departure to Czech Republic.

SKILLS
Language skills

Language	Understanding	Writing	Speaking
Russian	Native speaker	Native speaker	Native speaker
Czech	C1	B2	C1
English	B2	B2	B1

Soft skills
I worked in a team of 6 (up to 10) people with additional active communications with other teams. As s foreign student/employee I successfully studied and worked in groups of multicultural representatives such as Africans, Middle-Asians, Russians, Ukrainians, Belarusians, Czechs, Latin-Americans and many others.

Organisation skills
During my Bc, I built a small soccer team to compete in a university tournament. I also occupied a position of a manager of sport activities at Ural Federal University; I was responsible for various sport activities provided for my group (about 20 people).

Throughout the time in Doosan I managed to get involved in several activities that required me to prove my talents. One of them was arranging meetings with our "clients" from other departments and collecting their requests and requirements on future software.

The other activity I took part in was creating and implementing new security rules and protocols among the members of my team and our external collaborators.

Developer skills
After more than two years of working in web development and web engineering I know how to create a **dockerized** web app that uses several **microservices** under the hood; how to ship it to **AWS ECS**; how to develop an app in a **devcontainer**; how to implement authentication and authorisation using **AWS Cognito**; how to set up **CI/CD** using **Gitlab**

pipelines; how to use **Redis** as a cache storage or a PUB/SUB system; how to develop in a **monorepo**(nx.dev); how to spin up a **REST API** in **Node.js**(express.js) or in **Bun**(hono.js); how to **test** them properly(including mocking); how to create a functional frontend with **React**, **React query**, **Redux**, and **Mantine** components; how to write both a backend and a frontend in **Typescript** with **ESLint** linting, **Prettier** formatting, and shared packages(within a monorepo); how to save data to **S3**(AWS S3 and Min.io); how to communicate with an **Oracle** database using **Sequelize** and with **PostgreSQL** using **Prisma**(used it in my side project); how to **pair data** from multiple sources in real time or near real time.

Additionally, I know how to create a REST API using **Java** with **Spring boot** and communicate with databases using **Hibernate**.

Other skills
Driving license: B

Note
As a former student of the West of Bohemia University I have officially gained a free access to the Czech Labour Market.

USEFUL LINKS
Github
https://github.com/denisugo