Edgars Avenins
Full Stack Developer

About me

Hey, I'm Edgars. A Full Stack Developer with 2 years of industry experience. Focused on creating impactful, human oriented and high-performing web applications. I use modern technologies including Angular, Java, SQL and AWS and I'm passionate about good engineering practices, as well as embracing knowledge exchange and fostering positive connections.

Types of roles suitable for me: Full Stack Developer | Front End Developer | DevOps Engineer

Employment History

Nov 2020 - Jan 2022
Full Stack Developer - Snapper Services

Snapper Services Limited provides a range of platforms that act as interfaces connecting existing ticketing systems to third-parties, allowing transport providers to offer modern, adaptable solutions to their customers including mobile reload and customer self-service as well as insights into their operating fleets.

Key Projects:
- NTA Reporting Portal - Upgrading from AngularJS to Angular10, partial rebuild of portal
- Insights - Capturing, Storing, Visualizing cancellations across the bus network
- NTA Leap Android App - Upgrading app to meet EU accessibility standards, adding Firebase analytics
- Snapper on Rail - Validator firmware testing, test case creation and adjustment, documentation
- Mosaiq Go Android App - Built user facing UI, Tested and fine tuned tracking

Achievements:
→ Achieved flawless performance of highly complicated tables
→ Generated reusable code for companies angular design system
→ While testing UI, discovered a lot of poor performing SQL queries
→ Improved multiple query execution times by up to 96%
→ Identified the sources of incomplete GTFS-RT feed from API by reading the documentation standards for these APIs
→ Detected faulty rail validator behavior that saved Snappers' brand as well as contractual fines

Tech stack: Angular, TypeScript, Angular Material, Java, MySQL, AWS (Lambda, SQS), Grafana, Firebase Analytics, Android Java, Kotlin, Jetpack Compose, JUnit, Agile

Mar 2020 - Oct 2020
Bootcamp Facilitator - Dev Academy

Dev Academy trains people to be job ready web developers in 4 months. Students are rapidly learning new material every day under the guidance of industry experts.

Key Projects:
- Being in touch with students in web foundations training. Helping them understand web basics if needed. Also screening and assessing them for attending the bootcamp
- Supported students through every day studies. Guided them through the problems they have to solve
- Rewrote parts of challenges in React using hooks
- Gave lectures under the supervision of lead teacher on APIs
- Prepared visual aid to deepen student understanding of technology interactions
- Built parts of internal grading project written in React

Achievements:
- ➔ Decreased the risk of allowing unprepared students into the bootcamp
- ➔ Learned to accommodate various people in various situations (challenged someone more proficient in code, unblocked students from tunnel vision, supported students when they've overwhelmed and need a light to bring them back in)
- ➔ Expanded my emotional intelligence becoming better at handling demanding interactions
- ➔ Grew a bunch of awesome web developers who are crushing it out there right now

Tech stack: Javascript, HTML and CSS, React, Redux, Superagent(APIs), Nodejs, Express, SQLite, Jest, Cheerio, Nock, Supertest, testing library/react

2019 Jan - 2019 May
Intern Web Developer - Bosspac

Bosspac was an innovative SaaS accounting software for the self-employed in New Zealand.

Key Projects:
- Familiarized myself with the front end and upgraded it to use Angular Material. Made necessary UI changes
- Implementing a new feature, which involved adding notification indicator. This task took me on quite a journey delving deep into the backend.

Achievements:

➔ Deepened my understanding of how the entire stack operates and gained a comprehensive grasp of Angular's inner workings.
➔ I successfully tackled the given tasks by taking a fresh approach and adopting a completely different technology stack. This involved learning and adapting to new tools and frameworks.

Tech stack: Angular, Material Design, C#, .NET Core, MSSQL

Career Break:

Took over primary childcare from my partner to be with my son. Demonstrated exceptional organizational skill in managing household responsibilities and schedules. Developed effective multitasking abilities while balancing childcare, household tasks, and other family commitments. Cultivated patience, adaptability, and problem-solving skills through handling various daily challenges. Maintained a high level of responsibility, reliability, and commitment to family well-being.

Education:

Dev Academy
2019
Full Stack Web Developer

Rigas School of Trade
2015-2016
Logistics Worker

Ventspils University
2011 - 2014
Studied towards Bachelor of Computer Science