Alexandra Dzygal

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PROFESSIONAL SUMMARY

I am a promising and passionate software developer who is continuously learning and growing. I specialize in working with both front-end and back-end development. Over the past year, I gained a lot of experience by attending a bootcamp and working on various apps. I always focus on writing highly readable, easily maintainable and scalable code. I comprehend the importance of creating intuitive user interfaces and testing things so they can work and optimize your code for the best performance you can make of it. I persistently learn new technologies and improve as a developer to be a good professional.

TECHNICAL SKILLS

- HTML, CSS, JavaScript
- Bootstrap
- jQuery
- Node.js
- Express.js
- Passport.js
- React JS
- Redux

- Three.js
- Canvas
- MySQL
- MongoDB
- Mongoose
- Stripe
- REST
- Git

- New User Interface
- IDEE, WebStorm
- Visual Studio Code, Atom
- Postman
- Studio 3T
- Railway
- AWS

PROJECTS

Company Website for NTWIST
Developed logical structure and design which is applies to current NTWIST goals.
- Technologies: React.js, REST, CSS

Health-Tracker for Orbite
Created the user-friendly responsive design and implemented multi-functional backend:
- Authentication that provides access control to the system by checking to see if a user's credentials match the credentials in a database of authorized users or in a data authentication server.
- Payment Gateway Integration to authorize and process credit card and debit payments.
- API Integration in both payments and authentication.
- REST Api for the whole app.
- Filter and Sorting features to filter/sort products in the shop and posts in the blog.

- Technologies: React.js, Express.js, REST, Mongo DB, Stripe, Passport.js with Google and Facebook strategies.

Scale Web App Clone (Upwork project)

Built an exact clone of scale.com web app.

- Three.js animation and bunch of reusable 3D object components.
- Technologies: React.js, CSS, Three.js, Canvas

FREELANCE (companies: NTWIST, BHP, Newcore, Semafo, Orbite)

03.2022 - 03.2023

- Gained experience in agile as a developer through participating in sprint planning, reviews and daily stand-ups.
- Created layouts of NUX (New User Experience) flow of the app.
- Developed scalable web-based user interfaces and reusable UI components using React.
- Worked on the server side architecture using Node.js, Express.js, and MongoDB.
- Implemeted authentication methods with different strategies: Google, Facebook, Twitter, GitHub.
- Wrote unit tests, and actively contributed to code reviews.
- Worked closely with product managers, designers and other engineers on new features.

EDUCATION

Bachelor of Publishing & Editing, Digital Media Communications (2016)
Cherkasy National University, Ukraine
University of Alberta (2023)
Software Design and Architecture Specialization

ADDITIONAL TRAINING AND CERTIFICATIONS

- AWS (Elastic Beanstalk, AmazonMQ, EC2, S3, Route53) | Amazon (2023)

- The Comlete Web Development Bootcamp (2023)

- JavaScript + React | UDEMY (2022)
- Node with React: Fullstack Web Development | UDEMY (2022)
- Programming with HTML, CSS, & JavaScript | UCC Experts (2019)
- Work with Figma | Creative Practice (2021)