OLEKSANDR LEVCHUK

FULL-STACK WEB DEVELOPER

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SKILLS

Languages	JavaScript/TypeScript, C#, PHP, Python, Java, SQL, HTML, CSS
Frameworks	Express, React, Next.js, NestJS, Fastify, ASP.NET
Databases	PostgreSQL, MySQL, MongoDB
Other Technologies	Node, AWS Lambda, Material UI, GraphQL, Socket.IO, Redux, Redis
Tools	Git, Github, VS Code, Figma, Photoshop, Android Studio

WORK EXPERIENCE

Full Stack Developer, Internship   Vancouver, BC
Bulletproof Studio Tools   *(01/2024 - Present)*

- Utilizing Material UI and React, implemented new features to efficiently display and manipulate large datasets, leading to enhanced user experience
- Performed debugging and optimization of database queries and GraphQL resolvers, achieving seamless retrieval and storage of necessary data

Automation Technician, Full-time   Mississauga, ON
Milestone Automation Solutions Inc.   *(02/2019 - 07/2022)*

- Updated the PLC programs for small-scale industrial machines that increased the overall quality of goods produced by the automated system
- Troubleshot the industrial electrical panels and eliminated the issues in various types of automated systems, resulting in reduced downtime

PROJECTS

Cocoon | *TypeScript, Next.js, AWS Lambda, Amazon Textract, Redux, OpenAI API, LangChain, PostgreSQL*   *(2023)*

- Implemented the document parser that extracts text from PDF, DOCX, and Google Docs
- With an OpenAI function calling model, built the converter that turns the text into structured data
- Developed a performant semantic search functionality by utilizing OpenAI embeddings
- Created a personalized career roadmap feature that addresses user skill gaps efficiently

FindEvent | *TypeScript, Next.js, Redux, Mapbox GL JS, Turf.js, Tailwind CSS, Ticketmaster API*   *(2023)*

- Designed a tool that assists users in discovering a wide range of events in specific locations
- Implemented an interactive map that dynamically renders markers within the selected area
- Integrated Ticketmaster API to display current events and enable ticket purchases

Live Chat App | *TypeScript, React, NestJS, Redux, RTK Query, Socket.IO, PostgreSQL, Tailwind CSS*   *(2023)*

- Developed a chat application featuring real-time messaging and chat rooms
- Built RESTful API with custom JWT authentication

TravelMeet | *JavaScript, Node, Express, Socket.IO, Redis, MySQL, AWS S3, Passport.js, Mapbox GL JS, Tailwind*   *(2023)*

- Implemented real-time location-sharing functionality using Socket.IO
- Optimized the map's performance by caching geospatial data with Redis

EDUCATION

British Columbia Institute of Technology   Vancouver, BC
Diploma in Full-Stack Web Development   *(09/2022 - Present)*

Cambrian College of Applied Arts and Technology   Toronto, ON
Graduate Certificate in Mobile Application Development   *(Graduated 12/2018)*

The National Technical University of Ukraine "Kyiv Polytechnic Institute"   Kyiv, Ukraine
Bachelor in Management of Innovation Activities   *(Graduated 06/2015)*