

# OLEKSANDR LEVCHUK

FULL STACK DEVELOPER

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## SKILLS

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

## WORK EXPERIENCE

### Full Stack Developer

*Bulletproof Studio Tools*

Vancouver, BC

(01/2024 - Present)

- Performed debugging and optimization of database queries and GraphQL resolvers, achieving seamless retrieval and storage of necessary data
- Utilizing React, Apollo Client, and Material UI, developed timesheet management features, providing users with an interface for viewing extensive datasets and adding timesheets

### Automation Technician

*Milestone Automation Solutions Inc.*

Mississauga, ON

(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
- Troubleshoot the industrial electrical panels and eliminated the issues in various types of automated systems, resulting in reduced downtime
- Installed and configured electronic components, both as retrofits or within new automated systems

## PROJECTS

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

(2023)

- Led the development of a project that identifies skills and creates personalized career roadmaps
- Implemented the document parser that extracts text from various types of documents
- 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

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

(2023)

- Built an application 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
- Enhanced app performance with infinite scrolling, debounce timeout, and marker offset strategy

**Live Chat App** | TypeScript, React, NestJS, Socket.IO, PostgreSQL, Redux, RTK Query

(2023)

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

## EDUCATION

### British Columbia Institute of Technology

*Diploma in Full-Stack Web Development*

Vancouver, BC

(09/2022 - Present)

### Cambrian College of Applied Arts and Technology

*Graduate Certificate in Mobile Application Development*

Toronto, ON

(Graduated 12/2018)

### The National Technical University of Ukraine "Kyiv Polytechnic Institute"

*Bachelor in Management of Innovation Activities*

Kyiv, Ukraine

(Graduated 06/2015)