

# OLEKSANDR LEVCHUK

FULL-STACK WEB DEVELOPER

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## PROFILE

Full-stack web development student graduating in April 2024 seeking a full-time position on a development team

## SKILLS

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

## PROJECTS

- Cocoon** - TypeScript, Next.js, Redux, AWS Lambda, Amazon Textract, 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
  - With an OpenAI embedding model, developed a semantic search feature that identifies relevant courses
- FindEvent** - TypeScript, Next.js, Redux, Mapbox GL JS, Turf.js, Tailwind, Ticketmaster API (2023)
- Created an interactive map that dynamically renders markers with events in the selected area
  - Integrated Ticketmaster API to display current events data and enable ticket purchases
- Live Chat App** - TypeScript, NestJS, React, Redux, RTK Query, Socket.IO, PostgreSQL, Tailwind CSS (2023)
- Created a chat application featuring real-time messaging, chat rooms and 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 on the map using Socket.IO
  - Optimized the map's performance by caching geospatial data with Redis
  - Utilized AWS S3 to store and retrieve the uploaded images and MySQL to store user information
- Portfolio Website** - HTML, CSS, JavaScript, Swiper API, Netlify (2023)
- Developed a responsive personal website to display my work

## WORK EXPERIENCE

### Milestone Automation Solutions Inc.

Automation Technician, Full-time

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
- Troubleshooted the industrial electrical panels and eliminated the issues in various types of automated systems, resulting in reduced downtime
- Installed and configured electronic and electrical control components as the retrofit or within a newly built automated system

### Skiis & Biikes

E-Commerce Team Member, Part-time

Mississauga, ON (11/2020 - 01/2021)

- Accurately fulfilled online orders, resolved customer inquiries and maintained the shipments preparations while working in a team

## EDUCATION

### British Columbia Institute of Technology

Vancouver, BC (Graduating 04/2024)

Diploma in Full-Stack Web Development

### Cambrian College of Applied Arts and Technology

Toronto, ON (Graduated 12/2018)

Graduate Certificate in Mobile Application Development

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

Kyiv, Ukraine (Graduated 06/2015)

Bachelor in Management of Innovation Activities