

# Leo Bantolino

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## EDUCATION

### University of Guelph

*Bachelor of Computing, Computer Science (Co-op), CGPA: 88%*

Guelph, ON

*Sept. 2022 – April 2027*

## TECHNICAL SKILLS

**Languages:** Java, JavaScript/TypeScript, C, C#, SQL (Postgres), HTML/CSS

**Frameworks:** ASP.NET, React.js, Next.js, Node.js, Express.js, JUnit

**Developer Tools:** Git, VS Code, Visual Studio 2022, Docker

**Libraries:** Redux.js, Tailwind CSS, ffmpeg, ffmpeg-fluent

## EXPERIENCE

### Web Developer

July 2023 – Aug. 2023

*OneHSN*

*Remote*

- Proficiently operated within the ASP.NET environment, contributing to the development and maintenance of robust web applications
- Implemented UI-related Product Backlog Items (PBI's) to enhance user experience and interface design
- Utilized SQL to create ad hoc scripts, executing database modifications and ensuring seamless maintenance for optimal database functionality
- Designed and developed a cutting-edge B2B waitlist application using MS Power Apps, streamlining the waitlist management process
- Seamlessly integrated ZohoCRM into MS Power Automate, automating signup data flow into the company's CRM system
- Collaborated effectively within a cross-functional team, working alongside developers and QA ensuring high-quality child care services

## PROJECTS

### Music Library | *React.js, Redux.js, Express.js, PostgreSQL, Node.js, Framer-motion*

Mar. 2023 – June 2023

- Developed a RESTful API with Express.js, efficiently handling authentication and database operations
- Implemented JSON Web Tokens with refresh capability for secure user authentication
- Employed RTKQuery for efficient data retrieval and caching of user records, maximizing performance
- Utilized Redux.js to manage audio player global state, enhancing code predictability, traceability, and maintainability
- Used PostgreSQL for relational tables, simplifying retrieval, insertion, and migration processes for user and audio data

### Portfolio Website | *Next.js, TypeScript, Tailwind CSS, Framer-motion, Node.js*

May 2023 – June 2023

- Used Axios to effectively communicate with the Github API to fetch personal projects
- Incorporated NodeCache for caching fetched data, enhancing overall application performance
- Crafted captivating UI animations leveraging framer-motion to enhance user experience

### Todo App | *React.js, Redux.js, Express.js, PostgreSQL, Node.js*

Dec. 2022 – Feb. 2023

- Constructed RESTful API to handle database and authentication processes
- Integrated secure authentication through the use of JSON Web Tokens (JWT)
- Ensured high code predictability by managing user data efficiently with Redux
- Employed PostgreSQL database to store user records and their respective todos

### Mancala (School Project) | *Java, Swing, JUnit, Gradle*

Nov. 2023 - Dec. 2023

- Implemented OOP concepts to enhance the Mancala game's design and structure, fostering flexible and maintainable code
- Applied inheritance to achieve high cohesion and low coupling through the use of interfaces and abstract classes
- Implemented serialization for user profile and game persistence, ensuring data integrity
- Leveraged JUnit testing framework for testing Mancala game states