

# Bohdan Martyniuk

Experienced full-stack software engineer focused on building fast and accessible products for the web  
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## WORK EXPERIENCE

### Full-Stack Software Engineer, Scotiabank 12/2021 – present

- Building and shipping features for Scotiabank web applications, including Scotiabank Help Centre and Online Booking Appointment. Each web application has over 1M MAU and loads under 2 seconds with test coverage over 90%
- Built a monorepo that includes shared multiple web packages for Scotiabank web applications by using Lerna
- Converted Scotiabank Help Centre Web Application in its own npm package which decreased an application loading time by 2 seconds
- Fully migrated Help Centre and Online Booking Appointment web applications to TypeScript
- Technologies used: React, Next.js, JavaScript, TypeScript, Node.js, Express, Redis, Contentful CMS, Lerna, Black Duck, Fortify, SonarQube

### Front-End Software Engineer, BMO 07/2021 – 12/2021

- Built web pages that are responsive and performant for BMO.com and BMO Harris.com public sites that serve millions of users on a daily basis by using React.js and TypeScript
- Remediated more than **1,000** web pages to make them accessible for all types of users following WCAG 2.0 AA Accessibility guidelines and SEO best practices

### Full-Stack Software Engineer, MPAC 05/2019 – 07/2021

- Developed analytics dynamic dashboards and applications using JavaScript/TypeScript, React, and Redux
- Refactored the application code which increased the performance by more than 50%
- Involved in the development of assessment-related React web application **Municipal Connect** for Ontario municipal stuff that saved the company more than \$1M CAD per year
- Technologies used: React, JavaScript, TypeScript, Python, PostgreSQL, Elasticsearch, AWS

## SKILLS

**Programming Languages:** JavaScript/TypeScript, Python, HTML, CSS/SASS

**Technologies:** React, Next.js, Redux, Tailwind, Node.js, Firebase, Redis, SQL, GCP, AWS

## PROJECTS

### TheTenn ([thetenn.com](https://thetenn.com)) 2022

- Built a web application (**20,000+ unique users**) that promotes a new banking system in the USA. Additionally built a web dashboard for a client to ship prizes to users. Technologies used: React, Next.js, JavaScript/TypeScript, Redux, Tailwind, Firebase, Mailchimp, GCP

### Olympic Combat ([olympiccombat.io](https://olympiccombat.io)) 2023

- Built a web application (**1,000+ unique users**) that promotes martial arts for kids in Dubai. Technologies used: React, Next.js, JavaScript/TypeScript, Tailwind, Firebase, GCP

## EDUCATION

- **Centennial College, Toronto, Canada** 09/2018 - 05/2019  
Mobile Application Development, Postgraduate Diploma
- **National Aviation University, Kyiv, Ukraine** 09/2014 - 06/2018  
Computer Science, Bachelor of Engineering