

Nandini Mehrotra.

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TECHNICAL SKILLS.

Languages: JavaScript, HTML, CSS, jQuery, C/C++, Bash, Shell, LaTeX, Kotlin

Tools & Frameworks: ReactJs, Postman, Material UI, Bootstrap, Figma, QlikSense, PowerBI, JavaFX

Additional: Remote work with C++ on Linux OS (Ubuntu) using WSL, Bash Commands, Visual Design, User Testing, Usability Testing, User Research, Information Architecture, Interaction Design, Responsive Web Design

EXPERIENCE.

Front End Developer

September 2022 - December 2022

Royal Bank of Canada

Toronto

- Leveraged Postman as a rest client to analyze endpoints, and hence effectively dispatched actions using RESTful API calls for POST, DELETE and GET methods in GUI through Axios, thus reducing calls by 30%.
- Monitored GUI bugs using Jira by collaborating with the testing team, business analysts, and scrum masters via SCRUM meetings in an agile environment to streamline test case requirements.
- Restructured codebase by introducing hooks, functional components instead of class-based components and Material UI components, resulting in reduction in development and maintenance time.

Software Developer

January 2022 - April 2022

Arthur Health Corporation

Toronto

- Designed and developed visualization extension objects for QlikSense applications using jQuery, HTML and CSS to provide custom functionality such as pop-ups and data-driven table highlighting.
- Refined user experience by redesigning dashboards using different QlikSense sheet objects.
- Improved accessibility of information and user satisfaction by redesigning dashboards on PowerBI using DAX and interactive data visualizations.

Web Designer

November 2021 - February 2022

Innovative Design Co.

Waterloo

- Redesigned website for Gastronomous Technologies in collaboration with development team, resulting in 13% increase in website traffic and 20% decrease in bounce rate.
- Enhanced user experience through insights curated from 12+ user surveys, resulting in 90+ score in usability testing.
- Led weekly client meetings to showcase iterations of 6 landing page designs on Figma, discuss solutions for pain points and update project status.

PROJECTS AND HACKATHONS.

Weather Checker 🌤️ | React, JSX, Material UI, OpenWeather API

January 2023

- Designed and programmed a weather checker application to display weather forecasts for cities entered by users.

Resume Builder 📄 | React, JSX, Material UI

December 2022

- Designed and programmed a web application to generate a single-page resume based on user input information.

Design Portfolio - nandinim.design 🌐 | HTML5/CSS3, Bootstrap

March 2022

- Designed and developed responsive website to showcase design approach and prototypes for projects.

SaveTwitter! 🐦 | HTML5/CSS3, JavaScript

October 2021

- Recreated Dinosaur Game from Google Chrome Browser Offline with simple GUI for better gameplay.

COMMUNITY.

Fullstack Developer and Logistics Organizer | Tech+ UW

January 2022 - Present

- Contributes to the Tech+ codebase to design and build out new features for the portal project @ techplusuw.com.

Brand Ambassador | Protect Your Mom Awareness Campaign

September 2019 - Present

- Supervised team of 8 coordinators in conducting campaigns about breast cancer for an audience of over 200 students.

EDUCATION.

University of Waterloo

Waterloo, ON, Canada

Candidate for Bachelor of Science in Computer Science

Expected Graduation: 2025

- **Awards:** President's Scholarship of Distinction