Atishaya Maharjan

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EDUCATION AND AWARDS

University of Manitoba   Winnipeg, Manitoba
Bachelor of Science in Computer Science - Mathematics Joint Honours, Minor in Statistics
International Undergraduate Student Scholarship | *University of Manitoba*
Dean's honour roll | *University of Manitoba*

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Java, Python, C/C++, R, SageMath, BASH
Frameworks: ReactJS, NextJS, SpringBoot, Express, AstroJS
Developer Tools: Git, Docker, VS Code, IntelliJ, Neovim, Tmux
UI Tools: Figma, Adobe XD, Adobe Illustrator

EXPERIENCE

Senior Frontend Developer   March. 2024 – Present
LG Electronics   *New Jersey, USA (Remote)*
- Maintaining and creating new features in microservices for LG US using **Next.js** and **Redux** with **TypeScript**.
- Extensively used tagging frameworks to properly measure user interactions to make informed business decisions.

Senior Frontend Developer   Aug. 2019 – April. 2024
Timeero   *Phoenix, Arizona, USA (Remote)*
- Designing and maintaining a mileage tracking web application using **TypeScript**, **React.js**, **Vite**, **React Query**, **Mapbox**, **Bootstrap**, **Chakra UI**, and **Sass**.

Frontend Developer   September 2023 - January 2024
Trackfly   *Sandy, Utah, USA (Remote)*
- Used **Figma** to design and prototype website components and pages for data visualization folliwing industry UI/UX standards
- Migrated **React.js** from the **Frappe** monolithic architecture to a standard microservice architecture connected it to a **Django** backend.

Frontend Developer   Nov. 2021 – Oct 2022
Versured   *Salt Lake, Utah, USA (Remote)*
- Developed and maintained a **Next.js** insurance web application which used **Redux** for state management.
- Created an independent React application that was hosted in the subdomain connected to the **Next.js** marketing site which involved a fully functional customer portal. Used **Chakra UI**, **Zustand**, **React Query**, and **TypeScript**.

PROJECTS

Undergraduate Student Researcher Award | *Theoretical Computer Scinece*   Janary 2024 – Present
- Working on the project "FPT Optimization for minimizing interference in a 1D network" mentored by Dr. Stephane Durocher.

MXML Project | *Graph theory*   Janary 2024 – Present
- Working on the project "ON STARS IN TREES AND STRONGLY REGULAR GRAPHS" mentored by Dr. Mahsa Nasrollahishirazi to publish a journal paper.
- Focusing on full binary trees to understand if they satisfy the Hurlbert and Kamat's Conjecture or not.

Brachistochrone Trajectory | *Python, Numpy, Matplotlib, SciPy*   January 2021 – November 2022
- Approximated the brachistochrone trajectory using Bezier curves and visualized data results to find out the average time taken on the trajectory route.

VOLUNTEER EXPERIENCE

Events Executive | *.devClub*   August 2023 – July 2024
- Organize various events such as workshops, exam crams, hackathons, and battle snakes for Computer Science Students at the University of Manitoba along with other executives of .devClub