Akarshan Mishra

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Github: https://github.com/1pharaxh

EDUCATION

Bachelor of Science in Computer Science **Expected May 2025**

University of Alberta Edmonton, AB

- Coursework in Android, Algorithms / Data Structures, Object Oriented Programming, Databases.

SKILLS

Languages: TypeScript, Javascript ES6, CSS3, Java, Python, C++, Dart, SQL, XML, MySQL

Frameworks: React.js, NodeJs, NextJs, Vue.js, Node, Android, Django, Flutter, Ionic,

Technologies: Git, NPM, Jira, Docker, Google Firebase, Linux, AWS S3, MongoDB, NoSQL

WORK EXPERIENCE

Software Developer Intern **May 2024 – Present**

IBM Canada Markham, ON

- Worked in IBM's security portfolio's Guardium Data Security Center (GDSC)

Full Stack Developer Intern **May 2023 – April 2024**

Adewunmi Skincare Edmonton, AB

- Utilized **Figma, React, Next.js**, and **TypeScript** to design and develop UI elements, resulting in a 25% increase in the visual appeal and usability of the upcoming product. Applied **Agile principles** to ensure on-time delivery of high-quality products.
- Successfully integrated Sanity **CMS** into the **NextJs** landing page, streamlining content management processes and reducing update times by 50%, leading to improved website performance and increased customer satisfaction.
- Developed serverless functions using **Google BigQuery SQL** database, achieving 30% faster data retrieval and processing times, which significantly improved the overall user experience.

Software Developer Intern **Jun 2022 – Aug 2022**

GreyJay Energy Edmonton, AB

- Developed an **android app** using **Vue.js** and **Ionic Capacitor,** that visualizes energy usage and empowers users to make informed decisions, resulting in reduced energy consumption by end-users.
- Conducted log-linear analysis on data using **Python's Scikit-Learn** (**sklearn**) library to make future predictions and used **Vue.js** and **ChartJs** to create UI chart components.

PROJECTS

FocusGuard Browser Extension **Sep 2023**

Hackathon Project (**URL** - *https://github.com/1pharaxh/FocusGuard*)

- Collaboratively created a browser extension and dashboard using **Next.js**, **React**, **TypeScript**, **JavaScript** and **MongoDB** which leverages OpenAI's large language model to block distracting browser tabs, enhancing user productivity by 30%.

Job Portal Website **Feb 2023**

Freelancing Project (**URL** - *https://github.com/1pharaxh/ignite*)

- Developed a Job Portal Website using **React.js, Express.js, MongoDb** and **Firebase**, which improved performance by 25% relative to previous solutions, saving $500+ in server costs, and serving over 5000+ users

ACHIEVEMENTS

- Secured **1st place** in the **Dev Edmonton Society Hackathon** with the project FocusGuard, demonstrating exceptional problem-solving and technical skills.
- **Winner** of the **Hacked Beta 2022** and awarded the **Best Hack** for the development of an innovative Android app.