# Vishnudev Mandra Poil

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## TECHNICAL SKILLS

**Languages**: Java, Python, JavaScript, SQL, VBA, TypeScript, PHP
**Frameworks/Libraries**: React, Node.js, MongoDB, MySQL, Firebase, Tailwind, Prisma
**Tools**: Git, Github, Confluence, Cypress, Sentry, Figma, Jira, Excel

## EXPERIENCE

**Full-Stack Developer Intern**                                    June. 2023 – Sept. 2023
*Wenu*                                                             *Toronto, ON*
- Designed and **implemented secure payment processing** using **Stripe API**, achieving PCI compliance and protecting customer information.
- Developed server-side code in **SQL** and utilized **PHP** for payment transactions, **optimizing efficiency** and delivering a seamless user experience.
- Used **Cypress and Sentry** for debugging and issue resolution, ensuring a seamless user experience and improving the **overall reliability** of the website.

**Software Engineer Intern**                                       Aug. 2021 – Nov. 2021
*SashiDo*                                                          *Remote*
- Conducted thorough **testing of Sashido.io's systems**, providing feedback and suggestions for improvements to the website
- Developed a sample application utilizing Sashido.io's technology and **Google's Teachable Machine** to demonstrate the platform's capabilities and encourage adoption among users
- Created a tutorial blog **which received hundreds of views**, providing in-depth instructions for future users on how to utilize the product effectively

**Co-Founder and Software Developer**                              Dec. 2020 – Aug. 2021
*XHacks*                                                           *Mississauga, ON*
- Developed with **React.js and CSS** to build and design a visually appealing and user-friendly event website, resulting in a significant influx of **over 1000 participants**
- Used effective outreach and communication techniques to secure numerous sponsors, resulting in a substantial **prize pool of over $100,000**
- Implemented various marketing strategies to **increase event visibility** and drive participant registration.

## PROJECTS

**Pokemon Card Grader** | *HTML, CSS, JavaScript, Teachable Machine, BootStrap*          November 2021
- Developed a website which utilizes the camera of a computer to assess the quality of Pokemon cards
- Created the website with the aim of providing a more affordable alternative to costly official grading services
- Used image processing technology to evaluate card condition based on a previously trained card quality model

**Beacon** | *Python, Flask, MongoDB, React, Redux, SCSS*                                June 2021
- Designed and developed a crowd-sourced platform for COVID-19 relief, utilizing community-provided data to track product availability and lines at local stores
- Conducted tests at over 50 grocery stores to reduce overcrowding during the pandemic

**Colexo** | *HTML, CSS, JavaScript, p5.js*                                              August 2020
- Developed a website that enables users from around the internet to work together and make incremental changes to a virtual planet
- Used p5.js and calculations to display the virtual planet, including its default rotation

## ACHIEVEMENTS

**XHacks Organizer**: Organized one of the largest Student-run hackathons with over 1000 participants
**Second Place Overall**: Hacks and Crafts 2021
**First Place Overall**: To the Moon and Hack 2020

## EDUCATION

**University of Waterloo**                                          Waterloo, ON
*Bachelor of Applied Science - BASc, Management Engineering*