Andre Arcaina

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Summary of Qualifications

- Applied critical-thinking skills to develop a full-stack web application using Next.js, Flask, and various frontend and backend technologies, demonstrating strong understanding and experience with React, RESTful communication, API calls with endpoints, and CRUD operations
- Collaborated with club representatives to gather requirements and design specifications, developed Next.js websites while ensuring responsiveness and accessibility, executed thorough testing and implemented code workflows, resulting in successful deployments and positive client feedback

Skills

Languages: Python, JavaScript, PHP, Java, C, HTML/CSS
Technical: Flask, Next.js, React.js, MySQL, TailwindCSS
Developer Tools: VS Code, Git, Node.js, Bash, Docker

Relevant Experience

TMUCSA | *Web Developer*   Dec 2023 - Present
- Worked in teams to plan, test, and deploy the web application using Next.js and Vercel
- Working in implementing frontend development and server side logic
- Implemented Dependabot and CodeQL workflows for security measurements and safety

IBM | *IBM Z Ambassador*   Nov 2023 - Present
- Established a school club to educate on IBM enterprise computing, LinuxONE, and z/OS, laying the foundation for a knowledge-sharing platform
- Actively advocated for IBM Z on social media and collaborated with industry professionals, contributing to the widespread awareness and appreciation of IBM Z

PACS TMU | *Tech Team Lead*   Sept 2023 - Present
- Actively engaged in organizing workshops, computer science activities, and study group sessions
- Worked in teams to create, plan, and issue coding requirements on GitHub for website development using Next.js

Projects

WizGallery | *Flask, Next.js, MySQL, Docker* | GitHub   Jan 2024 – Present
- Developed a full stack web application with Next.js, creating a dynamic platform for showcasing and managing a personal collection of Wizard101 game photos from a local MySQL database
- Established a dynamic, well-organized, and responsive web application with a Flask RESTful API structure for optimal user experience and data retrieval

Nectar | *Flask, Next.js, BeautifulSoup4, TailwindCSS* | GitHub   Nov 2023 - Present
- Secured the Best E-Commerce theme award at NewHacks2023 by developing a client-centric web application that optimizes buying and selling experiences through innovative solutions
- Implemented a user-friendly query form generating statistical models to streamline online shopping and selling, enhancing user connectivity and decision-making while saving time and money
- For Best Creative Use of GitHub, implemented Git, Node.js, and Python's virtual environment for streamlined version control with a distinctive touch

Education

Computer Science Co-op - BSc (Hons)   Sept 2022 – Present
Toronto Metropolitan University

- Relevant Courses: Probability and Statistics, Web Systems Development, Data Structures