JAMES NIYONGIRA

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SUMMARY

Recent graduate with a Diploma in Web Development & Internet Applications, bringing a strong software development background and a passion for technology and continuous learning. Skilled in designing and developing sophisticated applications using modern technologies. Proven ability to diagnose and resolve software defects, resulting in improved system performance. Team player with excellent communication skills, eager to contribute to collaborative projects.

EDUCATION

Algonquin College   Ottawa, ON, Canada
Diploma In Web Development & Internet Applications   Sept. 2022 – Apr. 2024

Relevant Coursework: Web Application Development, Database Management
GPA: 3.85/4.0

TECHNICAL SKILLS

Programming Languages: Proficient in JavaScript/Typescript, Python; Intermediate in C#, Proficient in HTML andCSS
Frameworks & Libraries: Proficient in React.js, Node.js; Intermediate in ASP.NET core, Express.js, Next.js, Django
Databases: Proficient in SQL, NoSQL
Developer Tools: Proficient in Docker, Kubernetes, NGINX
Cloud Platforms: Proficient in AWS, Microsoft Azure
Others: E-commerce development, SEO best practices

WORK EXPEREIENCE

Co-founder and Full stack Developer – SomoLabs (preview)
Jul. 2023 – Present

- Co-founded and developed an online learning platform allowing students to enroll in curriculum-based courses with interactive content, exercises, external resources, and discussion forums.
- Lead the development and deployment of the platform, implementing features such as personalized learning paths, gamified learning experiences, and real-time feedback and assessments.
- Managed all aspects of the project including planning, coding, testing, and deployment using technologies like React.js, Python Django, microservices, Docker, and AWS.
- Optimized the platform's performance, reducing page load times by 25% and increasing user engagement by 20%.

Software Developer Intern - Algonquin College (Dpt. of Innovation and Entrepreneurship)
4 Months (Sept. 2023 – Dec. 2023)

- Collaborated in a team to develop a complex web application with a large codebase.
- Implemented TypeScript optimizations, reducing page load times by 25%, enhancing user experience.
- Identified and fixed 15 critical bugs in the Python backend, reducing application downtime by 30%.
- Developed and deployed 3 new user-facing features, increasing user engagement by 20% within the first month.

REFRENCES

Stephen Gagne
Entrepreneurship Officer
Innovation and Entrepreneurship Centre
Algonquin College, Ottawa Campus
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Former Internship Supervisor

More references available upon request