JAMES NIYONGIRA

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SUMMARY

Results-driven Web Applications Developer with a strong foundation in full-stack development, specializing in Microsoft .NET technologies and JavaScript. Currently pursuing a Diploma in Web Development & Internet Applications at Algonquin College. Proven expertise in designing and implementing web applications using a variety of languages, frameworks, and tools.

EDUCATION

Algonquin College   Ottawa, ON, Canada
Diploma In Web Development & Internet Applications   Sept. 2022 - Present

TECHNICAL SKILLS

Languages: C#**,** JavaScript, Python, SQL, PHP, HTML/CSS
Frameworks & Libraries: ASP.NET core, React.js, Node.js, Express.js, Next.js, Django
Developer Tools: Git, GitHub, Docker, Linux/Unix
Other relevant skills: API design, Debugging, Project management, Teamwork.

EXPERIENCE

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

- Developed a full stack web application using Next.js, Python Django and Postgres.
- Deployed the app to AWS using docker containers.
- Configured and maintained CI/CD pipeline for automatic redeployment.

PROJECTS

Brainwave | *Typescript, Python, Postgres, Docker*   July 2023 -present
- Developed an online learning platform using a blend of modern web development tools and framework.
- Collaborated in a team of web developers managing a large codebase.
- Implemented Test-Driven architecture and employed various design patterns for DRY code.

Blogging Platform | ASP.NET Core, React.js   Feb. 2024
- Created a dynamic blogging platform using ASP.NET and Angular.
- Implemented features like user authentication, post creation, and commenting.
- Integrated with a relational database for efficient content storage

Markdown processor | *Typescript*   Dec. 2023 -Jan. 2024
- Built a complex markdown processor that transforms markdown into styled HTML.
- Implemented modular software design architecture to separate features of the app.
- Learned more on file and text manipulation techniques in JavaScript.

Netflix clone| *Typescript, MongoDB, React*   July 2023 -present
- Cloned Netflix dashboard page using various advanced styling techniques and UI design concepts in React.js and Tailwind CSS.

PORTFOLIO

Explore my detailed portfolio at remarkablejames.com to view academic side projects leveraging modern full-stack web development technologies and design (September 2022 – Present).