

Andre Byukusenge

Software Engineer



Personal Details

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Date of Birth: May 28, 2007
Nationality: Rwandan

Qualities

- Teamwork
- Communication
- Critical Thinking
- Creativity
- Problem Solving
- Time Management
- Adaptability
- Leadership

Skills

- C++ Programming
- Ruby Programming
- Java Programming
- Software Development
- Software Engineering
- Database Management
- Web Development
- Cybersecurity

Languages

- English(Expert)
- French(Intermediate)
- Kinyarwanda(Expert)
- Turkish(Beginner)

Profile

Possessing a diverse skill set in software development, I excel in managing and leading teams to success. My education and experience in programming languages like C++ and Java serve as a solid backbone in tackling complex technological challenges. I'm dedicated to delivering innovative solutions by leveraging my critical thinking and problem-solving abilities in high-pressure environments.

Education

- High School A-Level**, Rwanda Coding Academy, Nyabihu (Sep 2023 - Present)
- Mastered foundational programming languages such as C++ and Java as well as web and mobile development using different Language.
 - Participated in workshops and training sessions related to cybersecurity.
 - Developed a strong understanding of computer hardware and software.

Achievements

- Mentored junior developers, enhancing their coding skills and promoting best practices.
- Achieved second place in a nationwide Cybersecurity competition.
- Promoted analytical and problem-solving skills and software engineering aptitude.
- Participated in FIRST Lego league Morocco representing Rwanda where we also won an award as the best which collaborated well with other teams.

Experience

Threat Analyst Intern At InterSec (Sep 2024 - Oct 2024)

- Developed software solutions to enhance cybersecurity measures.
- Conducted penetration testing and vulnerability analysis.
- Collaborated with cross-functional teams to implement security measures.

Software Development Intern At Profitex (Dec 2024 - Present)

- Developed software solutions to enhance Vidstream Platform.
- Collaborated with cross-functional teams to implement software features.
- Conducted code reviews and provided constructive feedback.

Certificates

Ideation Workshop (Sep 2024)

- Design Thinking and Ideation Certification
- Certified in Creative Problem Solving Techniques
- Completed Ideation Techniques for Software Solutions

Cyberium Cybersecurity Training (Present)

- Completed a comprehensive cybersecurity training program focusing on contemporary security threats and solutions.
- Attended Network Security Techniques workshop and participated in several practical labs on knowledge of securing software systems.
- Certified in Ethical Hacking and Defensive Strategies, with hands-on experience in simulation environments at Cyberium.

Projects

- C# Helper Extension** An Extension for Visual Studio Code that helps you starters with setting up C# projects.
- Developed a C# Helper Extension for Visual Studio Code to assist beginners in setting up C# projects.
 - Created a user-friendly interface that simplifies the process of creating new C# projects.
 - Implemented a feature that automatically generates boilerplate code for new projects.
- TutorialHub** A platform where you can find tutorials on various programming languages.
- Developed a web application that provides tutorials on various programming

languages.

- Designed an intuitive user interface that allows users to easily navigate through different tutorials.
- Implemented a feature that allows users to test their typing speed and accuracy.
- Created a feature that enables users to do different programming exercises.

Modelverse A platform for 3D visualization tool for 3D models. - Developed a 3D visualization tool that allows users to view 3D models in a virtual environment.

- Designed an interactive user interface that enables users to manipulate 3D models in real-time.
- Implemented a feature that allows users to import 3D models from external sources.
- Created a feature that enables users to export 3D models to different file formats.

Extracurricular Activities

Innovative Designer, BlockPython Team, Nyanza (Jan 2023 - Aug 2023)

- In our team we had a Robotics club which also participated in First Lego league and I was blessed to have this innovative designer in charge of thinking new ways to design our robots.

STEM Club Member, RCA STEM club, Nyabihu (Sep 2024 - Present)

- Organized and participated in weekly STEM sessions focused on all kinds of science and robotics.

Football Team Member, RCA Football Team, Nyabihu (Sep 2024 - Present)

- Participated in weekly football training sessions and matches.

RCA Brainiacs Mentor, RCA Brainiacs , Nyabihu (Sep 2024 - Present)

- Mentored junior students in programming and software development.

Courses

Microsoft Learn (Present)

- Completed Microsoft Learn modules on Azure fundamentals and solutions.
- Acquired advanced skills in using ASP.NET Core via Microsoft Learn training.
- Gained expertise in using Microsoft Power Platform through Microsoft Learn.

The odin project (Present)

- Currently taking the full stack ruby on rails course.

References

References available upon request.

Nyabihu, January 13, 2025

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I consent to the processing of my personal data for the purpose of recruitment for the position to which I am applying.