

# SIBOMANA MANZI Arnaud

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*Curriculum Vitae*

## ■ Summary / Objective

Highly motivated and results-oriented aspiring Software Engineer and Data Analyst with a strong foundation in full-stack development (**React, Node.js, TypeScript**) and expertise in Advanced Data Science and Analytics (**Python, SQL, Power BI**). Currently engaged in a substantial project-based learning initiative, leveraging cloud technologies (AWS, Oracle Cloud) and Generative AI concepts to build modern, scalable web applications. Seeking opportunities to leverage technical proficiency and commitment to structured development in a challenging environment.

## ■ Experience

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| Project-Based Learning<br>(Part-Time, ~3 hours daily) | <b>Portfolio Generator Web Application Development</b> , <i>Posinnove, Kigali, Rwanda</i> , Jul 2025 - Present<br>Developing a full-stack Web App using <b>React, Node.js, TypeScript, Express, PostgreSQL, and Tailwind CSS</b> . Key achievements and responsibilities include: <ul style="list-style-type: none"><li>○ Implemented and containerized a RESTful API backend, managing database connections and complex data retrieval.</li><li>○ Designed and built responsive UI components for the client-side application.</li><li>○ Applied Git best practices for version control and collaborative development.</li><li>○ Actively troubleshooting and resolving structural issues to ensure project integrity and scalability.</li></ul> |
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## ■ Education

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| Bachelor of Science, Computer Science                              | <b>University of Rwanda</b> , <i>Kigali, Rwanda</i> , Oct 2025 - Sep 2029 (Expected) |
| High School Diploma<br>(Mathematics, Physics and Computer Science) | <b>Lycée de Kigali</b> , <i>Kigali, Rwanda</i> , Sep 2021 - Sep 2024 (Expected)      |

## ■ Licenses & Certifications

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| Advanced Data Science and Analytics Course | <b>Thrive Africa EduTech</b> , May 2025 - Jun 2025 (Issued: Aug 2025)<br>12-week intensive course focusing on data analysis lifecycle, Python data stack (Pandas, NumPy, EDA), SQL, and advanced business intelligence (Power BI, DAX). |
| AWS Educate Machine Learning Foundations   | <b>Amazon Web Services (AWS)</b> , Issued Jul 2025  |
| Introducing Generative AI with AWS         | <b>Udacity</b> , Issued Jul 2025  |

## ━ ━ Key Skills & Technologies

Programming	Python, SQL, TypeScript, M-Language, DAX
Web/Full-Stack	React, Node.js, Express, PostgreSQL, Tailwind CSS, RESTful APIs
Data Analysis	Power BI, Advanced Excel, Data Wrangling, EDA, Data Storytelling
Cloud & AI	AWS Cloud, Oracle Cloud Infrastructure, Machine Learning, Generative AI, Git
Soft Skills	Effective Report Writing, Project Documentation, Data Presentation, Team Collaboration