

CANIS BREAL OUAMBO

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OBJECTIVE

Motivated Software Engineering student and aspiring Backend Developer with hands-on experience in full-stack development using Java, Spring Boot, MySQL, and AWS. Currently working on a scalable SaaS application with a strong focus on backend architecture, cloud deployment, and secure APIs, while also proficient in Thymeleaf for dynamic frontend development.

EDUCATION

BSc Software Engineering, Manchester Metropolitan University

2022 – Present

Expected Classification: First-Class Honours

Modules:

- Mathematics for Computing – **98%**
- Web Development – **90%**
- Full-Stack Development – **78%**

Foundation Degree in Sciences and Engineering, Into Manchester

2020 – 2021

Modules:

- Mathematical Engineering – **A***
- Physics – **A***
- Chemistry – **A***

Baccalaureate, Joss Government High School

2018 – 2019

PROJECTS

Chirrup Social Media Platform. Developed the "Chirrup" social media platform utilizing Node.js with Express.js framework for the backend, SQLite for database management, and Vue.js for the frontend. Conducted comprehensive endpoint testing using Postman to ensure functionality and reliability. This project's description spans two lines and received positive feedback from users for its seamless functionality. ([Explore here](#))

Point of Sale Full-Stack Development. Developed a point of sale software with six other developers as part of university coursework for the Thematic Project modules. Utilized Firebase, a cloud-based database, for efficient data management, alongside Vue.js for dynamic frontend development. This project showcases proficiency in full-stack development, integrating cloud-based database solutions with frontend user interface design, and highlights effective team collaboration using the Kanban Agile methodology. ([Explore here](#))

Student Questionnaire. Developed a web-based questionnaire for Software Engineering undergraduates to collect anonymous feedback, supporting my responsibilities as Course Representative. The project aims to improve the course structure, student experience, and faculty engagement. Built using HTML5, CSS3, and JavaScript, the form includes client-side validation and is fully responsive across devices. Deployed using GitHub Pages with Google Forms integration for data collection. ([Explore here](#))

Online Curriculum Vitae. Developed a web-based CV to provide a professional and interactive overview of my academic background, technical skills, and experience as a Software Engineering student. Built using HTML5, CSS3, and JavaScript, the site features a clean and responsive design for easy access and readability across devices. Deployed using GitHub Pages for fast and public access. ([Explore here](#))

Restaurant Website. Developed a responsive, full-stack restaurant website to support a local business — a self-initiated project completed after my first year of Software Engineering. While I had already studied HTML, CSS, and JavaScript at university, I independently learned backend development using Node.js and Express.js to bring the project to life. The final product was praised for its intuitive design, clean interface, and mobile responsiveness. ([Explore here](#))

EXPERIENCE

Course Representative
Manchester Metropolitan University

Sep 2024 - Present
Manchester, United Kingdom

- Collected and analyzed student feedback, identifying course strengths and areas for improvement.
- Led Student Voice Meetings, negotiating resolutions and advocating for students.
- Shared feedback with The Union and Programme Leader, ensuring transparent communication.
- Provided updates to students, closing the feedback loop.

Software Engineering Intern
COGENI S.A

July 2024 - Sept 2024
Douala, Cameroon

- Participated in company meetings to discuss Software Development Team initiatives.
- Developed system designs and proposed enhancements to improve ERP system architecture.

SKILLS

Technical Skills	Cloud: AWS, Google Cloud Platform (GCP)
	Testing: JUnit 5, Postman
	Security: GitHub Actions, Snyk, CodeQL, SARIF
	Databases: MySQL, Firebase, SQLite (DB Browser)
	Programming: Java, JavaScript, Python, HTML5, CSS3
	Version Control: Git, GitHub Desktop
	Development Tools: IntelliJ, Visual Studio Code, Node.js
	Frameworks: Spring Boot, Express.js, Vue.js, Thymeleaf
Spoken Languages	English (Fluent), French (Native Speaker)

REFERENCES

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