

# Albert Sama EZOULA | Software Engineer

Creative and detail-oriented software engineer, specialized in web development and secure applications. Passionate about innovation, I combine technical expertise and attention to detail to design solutions that transform ideas into memorable user experiences.

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## EDUCATION

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### Bachelor of Science (Honours) Software Engineering

Hoberton School 📅 2022 – 2024

Modules: Python Programming | JavaScript | Software Engineering | Object Oriented Programming | Data Structure and Algorithms | Version Control | Computer Security | Distributed Systems | Cryptography | Cloud Computing | Database Systems

## TECHNICAL SKILLS

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Node.js | JavaScript | Python | React | Next | Flask | HTML | CSS | TypeScript | Mongo DB | SQL

Git | Docker | Restful APIs | AWS | CI/CD Pipelines | Redux | Tailwind CSS

## PROJECTS

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### Yoom – Meeting Application | [Project Link](#) 📅 10/2024 – 12/2024

Real-time meeting app that allows users to schedule and participate in video calls

- Developed a real-time meeting app using Next.js, improving page load time by 30% through server-side rendering and optimization.
- Integrated Clerk for secure user authentication, supporting over 2,000 active users with seamless login and session management.
- Leveraged Stream API to enable high-quality video and audio for up to 100 participants in a single meeting.
- Designed and implemented a responsive, user-friendly interface, increasing user engagement by 40% through intuitive scheduling and notification features.

### Hirrd – Job Portal Application | [Project Link](#) 📅 10/2024 – 12/2024

- Built a job portal app using React.js, resulting in a responsive and dynamic user interface that improved user retention by 25%.
- Integrated Supabase for real-time database management, enabling seamless data handling for over 2,000 job listings and 10,000 active users.
- Utilized Clerk for secure authentication, ensuring a smooth login experience for users and supporting a fast-growing community.
- Implemented advanced search and filtering features, increasing job applications by 35% due to a more intuitive search experience.

### Summerizer – AI Application | [Project Link](#) 📅 10/2024 – 12/2024

- Developed a summarization tool using OpenAI GPT-4, reducing reading time for users by up to 70% by providing concise summaries of articles.
- Integrated a link input feature that processes over 200 articles per day, offering summaries in under 30 seconds.
- Implemented a user-friendly interface with React.js, resulting in a 40% increase in user engagement through intuitive design and fast processing times.
- Enhanced the accuracy of summaries through continuous testing and improvements, leading to a 20% increase in user satisfaction ratings...

## INTERESTS / HOBBIES

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- Enthusiastic about traveling, having visited multiple countries, which broadens my perspective and enhances my cultural adaptability.
- Avid participant in team sports like football, fostering collaboration, discipline, and leadership skills.

Excellent references available on request