

# Shalom DOSSEH

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## PROFILE

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Data Professional with expertise in Google Analytics 4, Firebase Analytics, SQL, Python, and ETL tools like Apache Airflow. Proven ability to generate actionable insights and build automated dashboards using Looker Studio.

## WORK EXPERIENCE

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### Data Science & Analytics Intern

2024-07 – 2025-04

*Gozem - Africa's Super App*

*Cotonou, Benin*

- Partnered with Gozem Money leadership to understand data requirements for the pre-launch phase of a new fintech vertical, including data extraction and analysis across large-scale financial datasets for financial forecasting and transaction analytics.
- Utilized Python (Pandas, Scikit-learn), SQL, and Looker Studio to generate actionable insights and align business needs with technical solutions.
- Leveraged SQL and Astro Airflow to design and implement real-time transaction monitoring for **8** million monthly transactions, detecting and preventing fraud, money laundering, and terrorist financing activities.
- Collaborated with the data engineering team to gather, structure, and integrate data from multiple sources (App Stores, Firebase, Data Warehouse) into a centralized analytics repository, enabling a unified view of key product insights.

### Data Analyst (Ride-hailing) Intern

2023-09 – 2024-01

*Gozem - Africa's Super App*

*Cotonou, Benin*

- Executed **65%+** of the squad's quarterly tasks, completing **92%** of high-priority deliverables efficiently.
- Investigated transaction data, detecting and dismantling fraudulent schemes, leading to millions in recovered revenue.
- Performed data integrity checks, identifying and resolving anomalies to maintain accurate reporting.
- Automated routine reporting and analytics tasks, improving efficiency and precision in data insights.

## PROJECTS

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### MyResumo | *Python, Prompt Engineering, Natural Language Processing, FastAPI*

- Build an AI-backed resume generator designed to tailor your resume and skills based on a given job description.
- Leverage the latest advancements in AI to provide an ATS-friendly resume.
- Innovative tool that generates tailored resumes for job applications.

### MyTorch | *Python, Computational Analysis, Azure*

- Develop a neural network-based chessboard analyzer from scratch without deep learning libraries.
- Train models on FEN notation to classify six game states.
- Achieved **90%** accuracy in binary classification and **60-70%** in multi-class tasks.

### Gomoku AI | *Python, Genetic Algorithm, Package, Git Action*

- Develop a high-performance Gomoku AI bot using Min-Max with Alpha-Beta pruning and heuristic scoring.
- Optimize decision-making to compete with GomokuCup AI bots.
- Efficient AI bot capable of competing under computational constraints.

### PyDepViz | *Python*

- Create a Python native dependency graph visualizer.
- Simplify dependency management in Python projects.
- Tool that helps developers visualize and resolve dependency deadlocks efficiently.

## EDUCATION

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### EPITECH - European Institute of Technology

2022-10 – 2025-07

*Bachelor's degree, Innovation and Information Technology*

*Cotonou, Benin*

- Cultivated robust skills across various domains of computer science, completing nearly 130 projects and mini-projects. Relevant Courses: Computer Numerical Analysis, Artificial Intelligence, Advanced DevOps, Advanced C++.

SKILLS

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**Languages:** English (Proficient), French (Native)  
**Programming:** Google Analytics 4, Firebase Analytics, SQL, BigQuery, Python, Jupyter Notebooks, Apache Airflow, Looker Studio, ETL, HTML, CSS, JavaScript, Pandas, NumPy, Scikit-Learn, Excel, GCP, Azure, MongoDB, Docker, Jenkins, Ansible, Git Source Control, Github action, Linux  
**Soft Skills:** Adaptability, Coachable, Problem-Solving, Decision-Making, Effective communication, Active listening

LEADERSHIP & COMMUNITY INVOLVEMENT

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**Technical Workshop Facilitator** 2025-03 – Present  
*Innovation Hub at Epitech*

- Hosted Python, DevOps, and AI workshops, mentoring students in technical fields.
- Partnered with industry professionals to deliver hands-on training sessions.

**Lead Project Manager** 2024-03 – Present  
*Epitech’s Student Bureau*

- Led a team of 3 project managers, overseeing 30+ initiatives within time and budget constraints.
- Developed planning & tracking tools to optimize project execution.

**Event Manager & Core Member** 2023-06 – 2024-07  
*Google Developer Students Club*

- Organized tech events, hackathons, and networking sessions to engage student developers.
- Drove community initiatives to enhance learning in AI & Google Cloud Technologies.

**Social Data Analyst** 2023-12 – 2024-12  
*AFRIK EDUTECH - EPITECH X IMPACT*

- Conducted impact analysis & forecasting, guiding leadership decisions on program effectiveness.
- Collected & cleaned large-scale datasets for resource optimization.

CERTIFICATIONS

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Career Essentials in GitHub Professional Certificate (Github, Expected 2025-02)  
Data Scientist Certification (Datacamp, Expected 2025-07)  
AI Engineer for Data Scientists Associate Certification (Datacamp, Expected 2025-09)  
Certified Associate in Project Management (CAPM) (PMI, Expected 2025-09)