

# GABRIEL ADJEI BOAMPONG

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## SUMMARY

Detail-oriented and analytical Database Engineer and Analyst with expertise in data pipelines, SQL, Python, and data visualization. Strong problem-solving and collaboration skills, with hands-on experience in data processing, monitoring, and reporting. Passionate about building scalable data solutions and ensuring data integrity to drive business insights.

## EDUCATION

### BSc. Computer Science

Kwame Nkrumah University of Science and Technology (KNUST), Ghana

September 2019 - November 2023

### West Africa Senior School Certificate Examination (WASSCE)

Achimota Senior High School, Ghana

September 2016 - July 2019

## SKILLS

- **Technical Skills:** Proficient in SQL, Power BI, Tableau, Grafana, and Microsoft Office Suite (Excel, Word, PowerPoint). Troubleshooting, Cloud Computing Research, Systems Monitoring
- **Programming Languages:** Proficient in C++, Python, Java, Assembly, HTML, JS, CSS
- **Frameworks:** Django, Flask, React-Native
- **Databases:** PostgreSQL, SQLite, MySQL
- **Tools & Platforms:** Visual Studio Code, GitHub, Docker (Basics), ClickUp

## EXPERIENCE

### Database Engineer

DS7 Limited, Ghana

April 2025 – Present

- Design and maintain scalable database.
- Build database and reports in Power Bi and Excel to deliver clear, actionable business insights.
- Collaborate with developers, analysts and stakeholders to support data integration.
- Create logical and physical data models to support scalable web applications.

### Monitoring and Evaluation Trainee

Universal Engineering and Consultancy Services Limited, Ghana

November 2023 – September 2024

- Analyze fuel consumption, delivery schedules, and stock level data.
- Provided IT support by troubleshooting system and network issues.
- Monitored and analyzed IT systems for data accuracy and compliance.
- Perform data analysis and implemented corrective actions for stock discrepancies.

### Information Systems and Security Intern

Npontu Technologies Limited, Ghana

October 2022 – December 2022

- Analyzed data and developed dashboards using Grafana for data visualization.
- Conducted research on Cloud Computing to inform strategic decisions.
- Monitored systems to ensure integrity and security.

### IT and Automation Intern

Universal Engineering and Consultancy Services Limited, Ghana

November 2021 – December 2021

- Assisted in research and development of fuel level overflow/underflow indicators.
- Performed troubleshooting and data processing tasks to support project objectives.
- Assisted in system troubleshooting and IT support.
- Configured and maintained network systems to improve performance.

## KEY ACHIEVEMENT

- **Researched and implemented** cloud computing solutions at Npontu Technologies, enhancing system scalability and security.
- **Supported project** teams in completing system automation projects, enhancing project delivery timelines and quality.
- **Implemented improved** data collection processes, reducing project delays and increasing workflow efficiency by 20%.
- Successfully developed a **Django-based** web application as part of a collaborative project during my final year in college.

## CERTIFICATIONS AND EXTRA CURRICULAR

Accenture North America Data Analytics and Visualization Job Simulation on Forage

September 2024

KPMG AU Data Analytics Job Simulation on Forage

September 2024