KAYOU BA

Data Analyst — Junior Data Engineer — Graduate Software Engineer

Bordeaux, France

📞 +33 7 64 44 45 57   ✉ kayouba818@gmail.com   in linkedin.com/in/kayouba

Professional Summary

Aspiring Data Analyst and Junior Software Engineer with over 2 years of experience through apprenticeship. Skilled in data analysis, automation, and software development with a strong foundation in both business and technology. Experienced in Python, SQL, Power BI, UiPath, and Agile environments. Currently completing a Master's in Computer Science and Business Management (MIAGE) and available from September 2025.

Education

University of Bordeaux   **Sep 2023 – Sep 2025**
Master's in Computer Science and Business Management (MIAGE)   *Bordeaux, France*
  − Relevant coursework: Stochastic Processes, Simulation, DBMS, Statistics, OOP, Operational Research, Project
    Management.

University of Bordeaux   **Sep 2020 – May 2023**
Bachelor's in Computer Science and Business Management (MIAGE)   *Bordeaux, France*
  − Specialized after two years in Economics and Management.
  − Relevant coursework: Algorithms, OOP, DBMS, Financial Forecasting, Accounting.

Experience

Sopra Steria   **May 2023 – Present**
Junior Software Engineer / Developer - Apprentice   *Bordeaux, France*
  − Developing and maintaining front-end/back-end web applications used by clients in critical sectors.
  − Maintaining over 80 VBA applications automating key internal processes, ensuring operational efficiency.
  − Implementing test automation for web applications using UiPath.
  − Participating in Agile development cycles, writing technical specifications, and collaborating with cross-functional teams.

CMA CGM   **Apr 2023 – Jul 2023**
Project Management Assistant - Intern   *Nouakchott, Mauritania*
  − Developed an e-payment solution for Mauritanian customers.
  − Digitized customer data and enhanced the client experience.
  − Contributed to data initiatives to strengthen market share.

Projects

Formula 1 Data Analysis *(Python, FastF1, Matplotlib, Pandas)*   **Ongoing**
  − Collected and visualized telemetry and lap data for performance comparison and strategic analysis.

SQL Learning Website *(PHP, SQLite)*   **Dec 2023 – Apr 2024**
  − Built an educational site with progress tracking and interactive SQL exercises.

Technical Skills

Languages: Python, R, SQL, VBA, Java, C++, JavaScript

Data Tools: Power BI, UiPath, Excel, Pandas, Matplotlib, Postgres

Web/Dev Tools: Angular, PHP, Git, Jira

Concepts: Agile, Scrum, ETL, Data Visualization, Business Intelligence, Object-Oriented Programming

Languages

French: Native   **English:** C1 — TOEIC 985/990, Duolingo English Test 135

Spanish: B1   **Arabic:** B1   **Pulaar:** Native   **Wolof:** B2

Extracurricular

Finalist in Eloquence Contest (2018) – Delivered speeches for underrepresented global victims.

Former U17 football championship player (2016–2018). Passionate about Football, Formula 1, geopolitics, and gaming.