Bilal Mahmoudi

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EDUCATION

Université Cadi Ayyad — Marrakech
B.Tech in Computer Science; CGPA: 8.32 — *July. 2017 – May. 2020*

EXPERIENCE

Orange Digital Center — Casablanca
Data Engineer — *Jun 2022 - Jan 2023*
- **Task 1**: Designed and implemented data warehouses using PostgreSQL and Redshift
- **Task 2**: Created data visualization dashboards for business intelligence using Power BI
- **Task 3**: Built ETL pipelines processing millions of records daily using Apache Spark

Maroc Telecom — Rabat
Full Stack Developer — *Dec 2021 - Dec 2022*
- **Task 1**: Implemented real-time features using WebSocket for live notifications and updates
- **Task 2**: Developed user authentication system with JWT and OAuth2 integration
- **Task 3**: Created admin dashboard with analytics, reporting, and data visualization capabilities

PROJECTS

- **Banking Mobile App**: Created a secure mobile banking application with biometric authentication, transaction history, and fund transfer capabilities for iOS and Android.
- **Real-time Chat Application**: Built a scalable real-time messaging application supporting group chats, file sharing, and video calls using WebSocket and Redis for message queuing.

SKILLS

- **Proficient**: NumPy, Spark, Express.js, Go, TensorFlow
- **Comfortable**: Scrum, MongoDB, JIRA, Oracle