Bilal Fathi

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EDUCATION

Université Mohammed V — Rabat
Master in AI and Machine Learning; CGPA: 9.03 — *July. 2014 – May. 2019*

EXPERIENCE

Webhelp — Casablanca
Mobile Developer — *Jul 2022 - May 2023*
- **Task 1**: Built cross-platform mobile apps using React Native for iOS and Android
- **Task 2**: Developed native Android applications using Kotlin and Jetpack Compose
- **Task 3**: Implemented offline-first architecture with local database and sync mechanisms

BMCE Bank — Casablanca
Data Engineer — *Dec 2019 - Jul 2021*
- **Task 1**: Built ETL pipelines processing millions of records daily using Apache Spark
- **Task 2**: Developed data quality frameworks ensuring data accuracy and consistency
- **Task 3**: Designed and implemented data warehouses using PostgreSQL and Redshift

Orange Digital Center — Casablanca
Mobile Developer — *Aug 2018 - May 2019*
- **Task 1**: Implemented offline-first architecture with local database and sync mechanisms
- **Task 2**: Integrated push notifications, analytics, and crash reporting services
- **Task 3**: Built cross-platform mobile apps using React Native for iOS and Android

PROJECTS

- **Task Management Platform**: Created a collaborative task management tool with kanban boards, time tracking, team collaboration features, and productivity analytics.
- **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**: Scikit-learn, Swift, NumPy, Hadoop, iOS

- **Comfortable**: CSS, Tailwind, JIRA, Scrum, Bootstrap