

## EDUCATION

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- **Université Ibn Tofail** Kenitra  
*Master in AI and Machine Learning; CGPA: 8.68* *July. 2015 – May. 2020*

## EXPERIENCE

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- **CGI Maroc** Rabat  
*Full Stack Developer* *Mar 2021 - Oct 2022*
  - **Task 1:** Built responsive web applications using React and Node.js with Redux state management
  - **Task 2:** Implemented real-time features using WebSocket for live notifications and updates
  - **Task 3:** Developed user authentication system with JWT and OAuth2 integration
- **Webhelp** Casablanca  
*Mobile Developer* *Jun 2019 - Jun 2021*
  - **Task 1:** Developed native Android applications using Kotlin and Jetpack Compose
  - **Task 2:** Implemented offline-first architecture with local database and sync mechanisms
  - **Task 3:** Built cross-platform mobile apps using React Native for iOS and Android
- **Capgemini Maroc** Casablanca  
*DevOps Engineer* *Nov 2018 - Dec 2020*
  - **Task 1:** Managed AWS infrastructure including EC2, S3, RDS, and Lambda services
  - **Task 2:** Automated deployment processes reducing deployment time from hours to minutes
  - **Task 3:** Implemented Kubernetes clusters for container orchestration and auto-scaling

## PROJECTS

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- **Learning Management System:** Built an online education platform with course management, video streaming, quiz system, and student progress tracking.
- **E-commerce Platform:** Developed a full-stack e-commerce platform with payment integration, product management, and order tracking using React and Node.js with PostgreSQL database.

## SKILLS

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- **Proficient:** AWS, React Native, GitLab CI, Node.js, iOS
- **Comfortable:** Angular, MongoDB, PostgreSQL, Cassandra, DynamoDB