Osama Abdelrahman

Senior Mobile Application Developer

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SUMMARY:

I am a Senior Mobile Application Developer with 8 years of experience in architecting and developing cross-platform mobile applications using Flutter and React Native. My expertise covers end-to-end mobile app development, from frontend and backend design to API integration and deployment through CI/CD pipelines following best DevOps practices. I also have a strong background in machine learning and deep learning, with hands-on experience integrating advanced algorithms into mobile apps for data-driven solutions and intelligent mobile applications.

ACHIEVEMENTS:

- Contributed to the development of over 80 cross-platform mobile apps (Android, iOS, Huawei) and 45+ admin dashboards and web applications.
- Delivered 5 real-world projects with machine learning and deep learning models.
- Active participant in the record-breaking hackathon with 2,950 participants, organized by the Saudi Federation for Cybersecurity, Programming, and Drones, improving the Hajj pilgrims' experience through mobile apps.

WORK EXPERIENCE:

Mobile Application Developer   March 2024 – present

Tradeling, Dubai, **UAE**

- Designed, developed, and deployed mobile applications using Flutter and Dart.
- Developed user interface components adhering to best practices in Flutter workflows.
- Collaborated with product and engineering teams to meet business objectives.
- Conducted code reviews and contributed to CI/CD pipeline improvements.
- Participated in quality assurance, testing, and bug fixes as part of the CI/CD cycle.

Mobile Application Developer   Nov 2022 – Mar 2024

iOWN Group, Dubai, **UAE**

- Developed and maintained cross-platform apps with blockchain-related functionalities.
- Integrated phone services (QR scanning, fingerprint authentication) and enhanced app security for sensitive data.
- Deployed apps to Google Play and Apple Store; monitored performance using Google Firebase.
- Implemented OTP verification and push notification systems, supporting secure transactions.

Mobile Application Developer   Dev 2021 – Nov 2022

UAE University, Big Data Center, Abu Dhabi, **UAE**

- Designed and developed mobile applications based on Big Data research outcomes.
- Ensured solutions adhered to best DevOps practices for scalable SaaS deployments.
- Collaborated with data teams to build large-scale data processing systems.

TECHNICAL SKILLS

Mobile App Dev.

- Flutter .... (4 yrs)
- React Native .... (8 yrs)

Prog. Languages

- Dart .... (4 yrs)
- TypeScript .... (6 yrs)
- JavaScript .... (8 yrs)
- HTML .... (8 yrs)
- CSS .... (8 yrs)

Backend Dev.

- Node.js .... (6 yrs)
- PHP .... (6 yrs)
- Express.js .... (4 yrs)
- Laravel .... (4 yrs)

ML & Data Science

- Python .... (4 yrs)
- TensorFlow ...... (3 yrs)
- Data Science .... (3 yrs)
- Deep Learning.. (2 yrs)

Databases

- MySQL .... (7 yrs)
- MongoDB .... (4 yrs)

Frameworks/CMS

- React JS
- Ionic
- Meteor,
- Django
- WordPress
- OpenCart

Mobile Application Developer   Nov 2020 – Nov 2021

ACCENTURE, Kuala Lumpur, **Malaysia**
- Led functional design and CI/CD pipeline development for mobile applications.
- Managed system testing and bug fixing for cross-platform solutions.
- Utilized Agile methodologies to deliver high-quality products in rapid iterations.

Mobile Application Developer   Feb 2020 – Jun 2020

MOLEX SDN. BHD., Penang, **Malaysia**
- Developed inteligent apps with machine learning models for production data analysis.
- Designed solutions addressing manufacturing needs through data-driven insights.
- Communicated analysis results to stakeholders for informed decision-making.

Mobile Application Developer   Apr 2018 – Jan 2019

TOWARD LEADERSHIP, Medina, **Saudi Arabia**
- Designed user interfaces and backend architectures for customized mobile applications.
- Developed and integrated APIs, ensuring cross-platform optimization for mobile devices.
- Established collaborative workflows using Git and Agile methodologies.

Mobile Application Developer   Nov 2015 – Mar 2018

MARKETING-IT SOLUTIONS, Riyadh, **Saudi Arabia**
- Developed and maintained mobile applications, dashboards, and web apps.
- Managed server and database development for enhanced app functionality.
- Collaborated with design teams to deliver seamless user experiences across platforms.

Mobile Application Developer   Oct 2013 – Oct 2015

HOWISTART, Riyadh, **Saudi Arabia**
- Developed single-page web applications using modern frameworks (React, Next.js).
- Implemented payment gateway integrations, including Stripe and PayPal.
- Secured websites with Trustwave certification, enabling credit card transactions.

EDUCATION

Master of Science in Data Science and Analytics   September 2020

Universiti Sains Malaysia (USM), **Malaysia**
Specializations: Deep Learning, Machine Learning, Big Data, Business Intelligence, Data Science Visualization.

Bachelor of Science in Computer Science   June 2012

Omdurman Islamic University (OIU), **Sudan**
Specializations: Software Engineering, Web Programming, Artificial Intelligence (AI).

DevOps & Tools
- CI/CD pipelines
- GitHub
- AWS
- DigitalOcean
- Docker
- Firebase
- Postman
- VSCode

Other Skills
- API Development
- RESTful
- WebSockets
- UX/UI Design
- Agile Methodologies
- Git
- Webpack

Languages
- English ...... Advanced
- Arabic .... Native

Links
Website:
osamaabdalla.com

GitHub:
@Osamaabdalla

Linkedin:
@Osamaabdalla