BENAHMED **Djawed**

COMPUTER SCIENCE ENGINEER · MOBILE/WEB DEVELOPER · CYBER SECURITY ENTHOUSIASTE

Tlemcen, Algeria

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Summary

Highly motivated and experienced software developer with over 4 years of experience in Android and web development. Proficient in Java, Kotlin, Android Studio, and web development technologies such as HTML, CSS, and JavaScript. Strong understanding of software development principles, and a passion for cybersecurity. Currently working as a product development team lead at Sobiapi, where I am responsible for leading a team of developers and delivering high-quality products on time and within budget. Proven ability to quickly adapt and learn new technologies and methodologies. Strong leadership, communication, and problem-solving skills.

Work Experience

Sobiapi
Algiers , Algeria

PRODUCT DEVELOPMENT TEAM LEAD
Nov. 2022 - Present

- Led a team of three developers in the conceptualization, design, and launch of several successful product updates.
- Utilized agile methodologies to manage product development, ensuring efficient and effective project management.
- Built fully automated CI/CD pipelines on GitlabCI for containerized applications using Docker.
- Built fully automated deployment system for different services using Ansible.

Sobiapi
Algiers , Algeria

ANDROID DEVELOPER
Aug. 2022 - Dec. 2022

- Maintained Genius NF525 Android applications, utilizing Java and Kotlin, and integrated with Spring Boot and nodeJs based backend systems.
- Developed and maintained RESTful APIs using Spring Boot and Spring Security.
- Worked with web services, databases, and other back-end systems to ensure seamless integration between the Android front-end and the Spring Boot back-end.

SwissDigiLab.
Switzerland (Remotely)

FULL-STACK DEVELOPER
Sep. 2020 - Jun. 2022

- Developed Flutter mobile application for the Zenbooking platform.
- Developed and maintained the Zenbooking platform utilizing Django Rest Framework for the back-end and Next.js for the front-end.
- Developed and maintained management system platform for Swiss Gun Center utilizing Django Rest Framework for the back-end and React.js (Material-UI) for the front-end.
- Collaborated with cross-functional teams, including product managers, designers, and QA engineers, to deliver high-quality and user-friendly products.

Undergraduate Research at SwissDigiLab
Sidi Bel Abbès, Algeria

RESEARCHER
Jan. 2022 - Jun. 2022

- Researched trading using deep reinforcement learning.
- Developed a crypto currency trading bot based on deep reinforcement learning.

Freelance
Tlemcen, Algeria

FULL-STACK DEVELOPER.
Mar. 2019 - Jul. 2020

- Develop and maintain Android applications using Java and Kotlin.
- Build and implement RESTful APIs using Django Rest framework for consumption by mobile applications.
- Managed and delivered projects on-time and within budget while communicating effectively with clients throughout the development process.

Education

ESI-SBA (Higher School of Computer Science)
Sidi Bel Abbès, Algeria

ENGINEERING AND MASTER DEGREE IN COMPUTER SCIENCE
Sep. 2017 - Jun. 2022

- Graduated with an engineering degree with a project entitled "Trading bot based on Deep Reinforcement Learning"
- Graduated with a master's degree with a thesis entitled "Trading using Deep Reinforcement Learning"

Skills

Mobile-dev	Android native, Jepack, Xml, Dagger, Clean Architecture, MVVM, MVP, RxJava, Flutter, Bloc
Back-end	Django, REST API, Django Rest, Spring-boot, NodeJs
DevOps	Docker, Ansible, Gitlab CI, Circle CI, FastLane
Front-end	Redux, React, NextJs, HTML5, CSS, Bootstrap
Machine-Learning	TensorFlow, PyTorch, Keras, Raylib, Pandas, NumPy, MatplotLib
Programming	Java, Kotlin, Python, Dart, Java-Script, Bash
Soft Skills	Strong communication, Time management, Adaptability, Teamwork, Leadership
Languages	Arabic, English, French

Extracurricular Activity

CTF (Capture the Flag) Competitions Participation *Algeria*

CTF PLAYER *2019 - PRESENT*

- Participated in several Capture the Flag (CTF) competitions, utilizing my knowledge of computer security and ethical hacking to solve complex challenges.
- Developed skills in areas such as penetration testing, reverse engineering and web security by solving challenges in these categories.
- Improved my problem-solving and critical thinking skills by analyzing and understanding different attack scenarios and vulnerabilities.

CTF (Capture the Flag) Competitions Organization *Algeria*

ORGANIZER *2019 - PRESENT*

- Organized and managed Capture the Flag (CTF) competitions for my school scientific clubs, utilizing my knowledge of computer security and ethical hacking to create challenging and engaging competitions.
- Developed a wide range of challenges that covered areas such as penetration testing, reverse engineering, and web security.
- Analyzed the results of the competitions and provided feedback and recommendations to the participants and the club.

Cybersecurity Workshop Facilitation *Sidi Bel Abbès, Algeria*

MEMBER *2020 - 2021*

- Facilitated several cybersecurity workshops for my school scientific clubs.
- Developed and delivered engaging and informative presentations on topics such as network and reverse engineering.

Honors & Awards

2021	**Finalist**, CSAW Cybersecurity Games & Conference	*Algiers, Algeria*
2021	**2nd Place**, BSIDES ALGIERS ANNUAL EVENT	*Algiers, Algeria*
2021	**2nd Place**, The Annual Hack.INI Event	*Algiers, Algeria*
2020	**Finalist**, CSAW Cybersecurity Games & Conference	*Algiers, Algeria*

Certifications

2022	**Coursera**, Fundamentals of Reinforcement Learning	*Link*
2021	**Coursera**, Structuring Machine Learning Projects	*Link*
2020	**Coursera**, Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization	*Link*
2020	**Coursera**, Neural Networks and Deep Learning	*Link*
2020	**Coursera**, Machine Learning	*Link*