

Wajdi Ben Rabah

Cybersecurity engineer / Mobile & Devops / Head of engineering

Paris, France

Website: <http://www.wajdibr.com>

CTO & Co-Founder: www.kaviar.app

Phone : +337 83 40 50 32

Email : benrabah.wajdi@gmail.com

PROFESSIONAL CAREER

- 2023-25 Chief security officer / FEDERAL COMMUNICATIONS COMMISSION (FCC)**
 - Led cybersecurity efforts to secure applications and services for the FCC.
 - Conducted comprehensive static and dynamic code scans.
 - Identified and prevented cybersecurity threats across various platforms including Android, iOS, DevOps, and Web.
 - Implemented and monitored advanced security measures to protect systems, networks, and data integrity.
 - Developed and enforced security policies and procedures to ensure regulatory compliance.
- 2019-25 Cybersecurity Analyst / QOSI & MOZARK INTERNATIONAL**
 - Identified and mitigated cybersecurity threats to protect information systems.
 - Ensured secure migration and deployment processes.
 - Implemented and enforced GDPR compliance measures.
 - Conducted thorough audits and risk analyses to identify vulnerabilities and enhance security postures.
 - Managed firewall configurations and secure DevOps practices across AWS, Azure, and GCP environments.
 - Developed security strategies and incident response plans.
- 2019-25 Engineering Manager / QOSI & MOZARK INTERNATIONAL**
 - Setting Mobile & Devops architecture based on AWS (CI/CD/S3/EC2/...)
 - Leading mobile projects for an international team /code review/scrum master (iOS and Android)
 - Documentation and coordination with other company lead services.
- 2019 Mobile lead developer / DOCAPOSTE**
 - Working on setting the main architecture and developing a mobile project (Veligo) for Paris Transport Network.
 - The project was covering an Android and an iOS native apps from scratch.
- 2018-20 CTO / KAVIAR**
 - KaviAR is one of the latest startups I've launched. It's a framework that lets people with or without any computer science knowledge, build augmented reality experiences.
 - Building different apps (web & mobile) while insuring a security scope. <http://www.kaviar.app>
- 2018 Android senior developer / GROUPEMENT LES MOUSQUETAIRES**
 - Providing support for the app architecture.
 - Development and maintenance of AppPicker: an app for Intermarché Drive-through.
 - Integrate analytics and stats related libraries.
 - Ensure compatibility with current PDAs and portability on different devices.
 - Development of offline and robust version.
- 2017 Mobile and Fullstack developer / JCDECAUX**
 - Developing Java et Kotlin based backend projects.
 - Conception and development of Hybrid mobile apps (ionic /phonegap based) and couple of native apps.
 - Assisting a scrum master, & the release manager.
- 2016 Mobile and Security engineer / DOCAPOST FAST**
 - Development of a J2EE based app: an electronic signature book to validate confidential data.
 - Development of the electronic signature book mobile version (Android/iOS): 3 projects.
 - Working on mobile security issues (validate identities, documents and check for signature integrity).
- 2015 Mobile engineer / SFEIR**
 - Native and hybrid mobile developer for diverse partners such as Se Loger.
 - Working as a public speaker, blogger and mobile referent for SFEIR mobile ecosystem.
- 2014 Mobile developer / ORANGE**
 - Creating the first Android Store for Orange (Orange Appshop).
 - Working on modern apps, front and backend Orange related projects.
- 2012 Android developer / EKOVOICE / LAVAZZA**
 - Development of an online portal to showcase Lavazza's products.
- 2011 Java developer / SIMAC**
 - Realization of a scientific formulas interpreter in a payroll system.

ACADEMIC LATEST DEGREES

- 2011 ISG Bachelor Computer science degree**
- 2014 ISAMM Software engineering degree (with honors)**
- 2014 La Sorbonne Master Software engineering degree (with honors)**

ACADEMIC PRIZES

- 2008 Baccalauréat Best grade of Tunis**
- 2013 Winner project at WebCamp**
<http://www.isa2m.rnu.tn/WebCamp/2013/index.php>
- 2014 Best Orange Success Story since 2014**
<https://innovation.orange.tn/projet/success-stories-orange-developer-center>

CODING SKILLS

Android	●●●●●●●●●●●●●●●●
Kotlin / Java	●●●●●●●●●●●●●●○
Augmented reality	●●●●●●●●●●●●●●●
Virtual reality	●●●●●●●●●●●●●○
Static and dynamic scans	●●●●●●●●●●●●○
iOS Obj-C/Swift	●●●●●●●●●●●●○
JavaScript	●●●●●●●●●●●○
React-JS/Native	●●●●●●●●●○
Phonegap	●●●●●●●●○
Computer vision	●●●●●●●●○
PHP & Codigniter	●●●●●●●●○
Archi (MVVM, MVP ...)	●●●●●●●○
SQL/NoSQL	●●●●●●●○
Pentesting	●●●●●●○
Design patterns	●●●●●○
Devops (Azure/AWS)	●●●●●○
CI / CD	●●●●○
AGILE Methodologies	●●●○
Maya, Unity3D	●●○
Docker/Kubernetes...	●○
Network	○

PROJECTS



Cybersecurity

- Led the secure deployment of new digital solutions for the FCC (USA), ensuring infrastructure hardening, compliance, and risk mitigation.
- Conducted penetration testing, as well as static (SAST) and dynamic (DAST) application security assessments across mobile, cloud, and backend systems.
- Integrated third-party security tools (Veracode, Quokka) into CI/CD pipelines to automate vulnerability scanning and reduce exposure windows.
- Contributed to the implementation and internal training of SOC 2 compliance at MOZARK, with a focus on security governance and audit readiness.
- Provided incident response support during security breaches and attacks, focusing on high-privilege accounts and critical infrastructure.
- Promoted secure coding practices and DevSecOps principles, including component validation, dependency hardening, and low-level code security.
- Conducted threat modeling and contributed to the design of secure cloud-native architectures (GCP, AWS, Azure).
- Implemented monitoring and alerting strategies to detect suspicious activity, and ensured traceability through secure logging.
- Led security awareness sessions and collaborated with development teams to foster a security-first culture.
- Familiar with OWASP Top 10, MITRE ATT&CK, NIST CSF, and agile security frameworks to align security efforts with business goals.



Mobile

- Development team management (internationally, India, France, etc.)
- Code reviews on Android and iOS.
- Creation of SDKs and integration with other products.
- Documentation and use of the Atlassian suite (bitbucket, confluence...)
- Setting the mobile architecture for Veligo project and helping creating the native mobile apps (android/ios)
- Launch of AR based startup KaviAR.app on Android/iOS stores.
- Development of an android app to help preparing Drive-through commands
- Development of an offline version of the app picker to have the catalog in hand and finalize the preparation without internet connexion.
- Introduction of unit tests and MVVM architecture (and Android Jetpack)
- Development of three hybrid applications for furniture management activities at JCDecaux (Fix My Decaux agent, FMD supervisor and FMD admin).
- Realization of a guide app for JCDecaux (deployed on both AppStore and GPlay stores) to help people find sanitary facilities.
- Realization of paravecmoi app for meetings & trips in groups.
- Development of a hybrid app for a big shopping center in Spain (furniture and human management, incident tracker ...).
- Development of an android incident tracker solution for SNCF.
- Realization of a management Android and iOS solution for preparation conferences and meetups for city halls all over France territory.
- Realization of two native apps for electronic signature and archiving confidential documents (Android/iOS).
- Realization of a screen lock personalization Android app (Lapplee).
- Realization of internal app for activity reports at SFEIR.
- Realization of a multiplatform mobile app tracking and help customers in hotels and restaurants (Sindbad).
- Realization of a multiplatform app: medical & life coach (concept-media)
- Founder of Cirussly (Google Developer) and developer of Unity/mobile based applications with ComodoFrame (more than 40 applications).



Web

- Working on AWS products mainly and on other Cloud solutions.
- Development of several backend projects for JCDecaux.
- Contributing to the development of the latest version of SeLogger.com.
- Development & maintenance of the scientific website: wikicreation.fr.
- Development and maintenance of the audit website prismmi.com.
- Realization of a website integrating an aug. reality visit (volunteering).
- Development of a data visualization for the MuseumWeek project (partnership with Twitter France)



Desktop

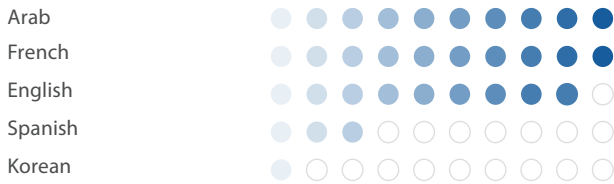
- Development of decision helper and automation software for the recruitment process.
- Realization of an advanced management software and indexing of a multimedia library (Shazam like and image recognition in a standalone version)



Devops

- Preparing an AWS architect associate degree.
- Working with Azure products as a devops engineer for Mozark international and managing big dev team.
- Have a good experience & progressing with Docker and Linux based OS.
- Experience with Gitlab and Jenkins.

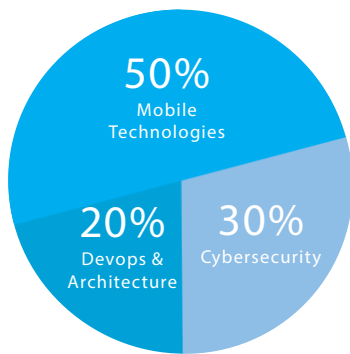
LANGUAGES



CYBERSECURITY SKILLS

Risk analysis Incident response & management
Secure DevOps practices
 Security policies enforcement
 Audit & vulnerability assessment
 Threat identification and mitigation

PROFILE DATA



ARTICLES

- 2018
[Article writer / PROGRAMMEZ !](#)
 Google ARCore with Unity et Android. Magazine 211.
- 2017
[Author of a best seller book / AMAZON](#)
 Virtual Reality: Create games from scratch (English Edition) Kindle format (will be translated in French by the end of this year).
- 2017
[Blogs author / SFEIR](#)
 Create your first VR app in less than 10min.
- 2016
[Article writer / PROGRAMMEZ !](#)
 Virtual reality with Android and Cardboard, Magazine 198.
- 2016
[Open source / ANGULAR](#)
 Helping on writing AngularJS documentation on Google official repo.
- 2016
[Blog author / SFEIR](#)
 Apache Cordova : Create your first hybrid app in less than 10min.

CERTIFICATIONS

- 2011 Certified Ethical Hacker
- 2024 Ortus Club certificate of appreciation

PERSONAL SKILLS

- Leadership
- Team Building
- Analytical Thinking
- Problem Solving
- Effective Communication
- Public Speaking

CONFERENCES & ROUNDTABLES

