

# SFEIHI MALEK

junior software developer

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## SUMMARY

Motivated junior backend developer with hands-on experience in designing, building, and optimizing backend systems using modern technologies such as Java, Spring Boot, and microservices. Known for being adaptable, resourceful, and a fast learner, I bring a mix of technical expertise, creativity, and a results-oriented mindset. Passionate about solving complex challenges, collaborating in dynamic teams, and delivering impactful solutions that improve user experience and business outcomes

## SKILLS

- Debugging critical production issues under tight deadlines
- Managing concurrent priorities in agile environments
- End-to-end responsibility from development to production
- **Backend:** Spring Boot • Java 17 • REST APIs • Microservices • JSON
- **Frontend:** Angular • React Native • TypeScript • Axios
- **Infrastructure:** Kubernetes • Helm • GitLab CI/CD • Docker • SonarQube
- **Data & Security:** PostgreSQL • ACID Compliance • Keycloak • End-to-End Encryption

## EDUCATION

### Engineering degree in Computer Sciences

TEK UP university, Tunisia ( 2023 - now)

### Bachelor degree in Computer Sciences

Higher Institut of Applied Science and Technology, Tunisia (2019 - 2022)

## WORK EXPERIENCE

### Full Stack Developer | Oodrive

Duration: [ 2023 - Now ]

- + Built 12+ RESTful APIs with Java/Spring Boot that optimized notification processing speed by 40%, enhanced data integrity through JSON sanitization, and enabled real-time monitoring for critical systems.
- + Developed user-facing features using Angular/Typescript that improved document workflow functionality and enhanced UX for active users
- + Elevated code quality by maintaining 85%+ test coverage with JUnit/Mockito and optimizing CI/CD pipelines through SonarQube +violation resolutions.
- + Integrated security-focused services including Olvid for end-to-end encrypted messaging and Tixeo for secure video collaboration.
- + Owned end-to-end deployment process, including production releases (Helm chart updates, ConfigMap modifications, Git tagging), collaboration with ITS experts for zero-downtime deployments serving 10K+ users, and maintenance of release branches to ensure seamless hotfix delivery.

#### Technical Environment:

**Backend:** Java 17 | Spring Boot 3 | Microservices | REST APIs **Frontend:** Angular | TypeScript | Angular Material **DevOps:** DevOps: Kubernetes | Helm | ConfigMap | GitLab CI/CD | Git Tagging | SonarQube **Testing:** JUnit 5 | Mockito | Postman

### End of Studies Internship | Full-Stack

Kindergarten Management Platform - Mobile App

Duration: [January/2023 - Mai/2023]

- + Full-stack development of a secure mobile application using React Native (frontend) and Spring Boot (backend) to digitize kindergarten operations
- + Implemented Keycloak for OAuth2 authentication and role-based access control (RBAC) for 3 user types: admins, staff, and parents
- + Designed RESTful APIs with Spring Boot handling real-time data sync (child activities, meals, attendance) between mobile clients and backend
- + Optimized PostgreSQL database schema with 10+ relational tables (Children, Activities, Daily Reports) ensuring ACID compliance
- + Reduced data entry time by 40% for kindergarten staff through automated daily report generation
- + Achieved 95% test coverage via Postman (API testing) and JUnit (backend unit tests)

#### Technical Environment:

**Backend:** Spring Boot | Java | Keycloak **Frontend:** React Native | Axios **Database:** PostgreSQL | pgAdmin **Tools:** Postman | IntelliJ IDEA | Git | Docker

## LANGUAGES

**Arabic:** Native Proficiency

**English:** Full Professional Proficiency

**French:** Full Professional Proficiency