

# Wael Jabeur

SOFTWARE DEVELOPER

Tunisia

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“Be the change that you want to see in the world.”

## Summary

Versatile and results-driven Software Developer with extensive experience in front-end, back-end, and full-stack development. Proven ability to design, develop, and deliver scalable, high-quality software solutions. Skilled in mentoring teams, technical interviewing, and collaborating with stakeholders to meet business objectives. Proficient in modern development practices, DevOps methodologies, and a wide array of programming tools. Fluent in Arabic and English, with limited working proficiency in French.

## Professional Experience

### Red Dream Solutions SUARL

Ariana, Tunisia

PART-TIME SOFTWARE CONSULTANT

Nov. 2024 – Present

- Providing consulting and development support for ongoing client projects in web and desktop environments.
- Maintaining and extending existing systems using React.js, Nest.js, and Electron.js for front-end and back-end improvements.
- Assisting teams with CI/CD pipelines and automated testing setup using Docker, GitHub Actions, and Playwright.
- Advising on architecture, scalability, and documentation practices to ensure maintainable codebases.

**Technologies :** Javascript/Typescript, React.js, Nest.js, Electron.js, Docker, PostgreSQL, GitHub Actions, Playwright, Jest, Markdown.

### Incedo Services GmbH

Stuttgart, Germany

FULL-STACK DEVELOPER

Dec. 2022 – Oct. 2024

- Continued work on Test management platform for Infineon Technologies AG started at Red Dream Solutions:
  - Migrated the application to a desktop platform using Electron.js and React.js.
  - Automated testing processes, increasing test coverage by 40% with Playwright and Jest.
  - Implemented CI/CD pipelines using Docker, Jenkins, and Artifactory.
- Mentored junior developers on best practices, debugging, and optimization strategies.
- Conducted technical interviews to assess candidates for multiple projects across the company.
- Supported developers on various projects, providing troubleshooting and enhancing quality through code reviews.
- Independently managed client communications and presented project updates to stakeholders.

**Technologies :** Javascript/Typescript, Electron.js, React.js, Redux(RTK), Material-UI, Storybook, JSDOC, Markdown, Docker, Git, Bitbucket, Jenkins, Artifactory, Playwright, Jest, Bash scripts, Jira, Powershell scripts, SQLite, Sequelize, SonarQube.

### Red Dream Solutions SUARL

Ariana, Tunisia

SOFTWARE ENGINEER

Jan. 2022 – Nov. 2022

- Developed and delivered scalable software solutions for various clients, including Incedo Services GmbH.
- Led the design and implementation of the Incedo Lead Generator (ILG):
  - Refactored backend architecture with Nest.js, employing design patterns to enhance scalability and enable microservices.
  - Revamped front-end interfaces using React.js and AntD, significantly improving performance and user experience.
  - Implemented automated testing using Jest and created detailed documentation with Styleguidist and Nest-Compodoc.
- Contributed to the development of a Test Management Platform for Infineon Technologies AG:
  - Enhanced productivity tools to streamline semiconductor testing and engineering workflows.
  - Continued contributions after joining Incedo Services GmbH as a full-time employee.
- Collaborated with cross-functional teams to ensure timely project delivery, achieving a 90% client retention rate.

**Technologies:** Javascript/Typescript, Nest.js, React.js, AntD, Sequelize, Styleguidist, JSDoc, Markdown, Docker, Git, GitLab, GitLab CI, Playwright, Jest, Asana, PostgreSQL.

### ABSHORE

Tunis, Tunisia

FULL-STACK DEVELOPER INTERN

Mar. 2021 – Jun. 2021

- Developed a web application for event reservations and community engagement for a non-profit organization.
- Configured Drupal 8 to support user roles, permissions, and content types.
- Designed and built user-friendly interfaces with React.js, enhancing user engagement.
- Containerized the application using Docker for efficient deployment.

**Technologies :** PHP, Javascript, React.js, Drupal 8, Docker, MySQL, Apache, Git, Postman, Adobe XD.

## Freelance

### FRONTEND DEVELOPER

*Bizerte, Tunisia*

*Jun. 2020 – Aug. 2020*

- Developed the front-end of a web platform enabling users to post jobs and locate workers using geolocation technology.
- Designed wireframes using Adobe XD to ensure an intuitive user interface.
- Implemented features like job posting forms, worker availability tracking, and location-based search functionality.

**Technologies :** Javascript, Angular.js, Adobe XD, Git, Postman.

## "SNAKE" replication (Personal project)

### GAME DEVELOPER

*Kebili, Tunisia*

*Jul. 2019 - Aug. 2019*

- Designed and implemented the game's logic and mechanics using Java.
- Developed the game's graphical user interface using Java Swing.
- Implemented the game's audio features using the Java Sound API.

**Technologies :** Java, Java Swing, Java Sound API, Git.

## Education

### Applied license in computer systems and software.

HIGHER INSTITUTE OF APPLIED SCIENCES AND TECHNOLOGY OF MATEUR.

*Mateur, Tunisia*

*Sep. 2017 - Jul. 2021*

### Bachelor's degree in technical sciences.

IBN MANDHOUR HIGH SCHOOL KEBILI.

*Kebili, Tunisia*

*Jun. 2017*

## Skills

### LANGUAGES:

- Arabic** Native.
- English** Professional working proficiency (C1).
- French** Limited working proficiency.

### DEVELOPMENT METHODOLOGIES:

Agile (Scrum, Kanban), Test-Driven Development (TDD), Behavior-Driven Development (BDD), Domain-Driven Design (DDD), Continuous Integration/Continuous Deployment (CI/CD)

### DEVELOPMENT LANGUAGES:

Javascript, Typescript, Java, Groovy, PHP, Shell-script (Bash, Powershell), C, C++, Rust, python, JSON, XML, HTML, CSS/SCSS/SASS, LaTeX, markdown, YAML.

### FRONT-END DEVELOPMENT:

React.js, Next.js, Vue.js, Three.js, Bootstrap, Redux toolkit (RTK), Material-UI (MUI), tailwind, Angular.js, Ant Design (AntD).

### BACKEND-END DEVELOPMENT:

Node.js, Express.js, Nest.js, Symfony Sequelize, drizzel-orm, nginx (uWSGI, FastCGI), apache2 (mod\_python, mod\_php).

### MOBILE DEVELOPMENT:

Android (Java), React Native.

### DESKTOP DEVELOPMENT:

Electron js.

### TESTING & AUTOMATION:

Jest, Playwright, Puppeteer, React Testing Library, Mocha, Chai.

### DOCUMENTATION TOOLS:

Storybook, Styleguidist, JSDoc, Markdown, MermaidJS, Nest-Compodoc

### CONTENT MANAGEMENT SYSTEMS:

Drupal 8, wordpress.

## VERSION CONTROL & COLLABORATION TOOLS:

Git, GitHub, GitLab, Bitbucket, Asana, Jira, Postman.

## DEVOPS & CI/CD TOOLS:

Docker, Jenkins, GitLab CI/CD, Artifactory, GitHub Actions, Azure Pipelines, SonarQube.

## DATABASES & CACHING SYSTEMS:

PostgreSQL, MySQL, SQLite, MongoDB, Redis, Oracle Database XE.

## GRAPHIC DESIGN:

Basic knowledge about Adobe Products (Photoshop, XD, after effect, Illustrator), figma.

## INTEGRATED DEVELOPMENT ENVIREMENTS:

Neovim, Eclipse, MS Visual Studio Code, JetBrains WebStorm, Android Studio.

## OPERATING SYSTEMS:

Linux (Ubuntu, Debian, CentOS, RHEL), Windows (XP/7/10/11), macOS.

## SOFT SKILLS:

### Technical Leadership:

Experienced in mentoring junior developers, conducting code reviews, and guiding cross-functional teams to deliver successful software projects.

### Analytical Thinking:

Skilled in breaking down complex technical challenges into actionable solutions, ensuring efficient and scalable results.

### Communication and Collaboration:

Strong verbal and written communication skills for effective collaboration with clients, stakeholders, and team members in diverse environments.

### Adaptability:

Quick to learn and adopt new tools, frameworks, and methodologies in fast-paced, ever-evolving technical landscapes.

### Project Management:

Capable of independently managing tasks, timelines, and priorities to deliver high-quality software solutions on schedule.

### Creative Problem-Solving:

Proficient in identifying root causes of issues and implementing innovative solutions to address technical and business challenges.

### Time Management:

Highly organized, with the ability to balance multiple projects and meet deadlines in both individual and team settings.

### Critical Thinking:

Skilled at evaluating technical trade-offs and selecting optimal approaches for software architecture and development.

## Honors & Awards

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10 Mar,  
2021

**1st Place, 24H Hackathon**, organized by giz and Incedo Services GmbH

*Gammarth, Tunisia*

## Hobbies

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- **Camping:** Enjoys outdoor activities, promoting resilience, self-reliance, and a deep appreciation for teamwork and planning.
- **Reading:** Regularly reads books on software development, technology, and various scientific subjects, enhancing continuous learning and critical thinking.
- **Researching IT Technologies:** Constantly exploring new IT trends, programming languages, frameworks, and tools, keeping up to date with industry advancements.