

OUSSEMA CHERCHERI

Software Engineer

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PROFESSIONAL SUMMARY

Motivated Software Engineer with hands-on experience in full-stack development and modern web technologies. Strong foundation in programming fundamentals, data structures, and algorithms. Proficient in Java (Spring Boot) and JavaScript (React/Angular/NestJS) with experience building web applications. Eager to contribute to internal tools development while learning DevOps, cloud engineering, and AI-powered development tools in a collaborative environment.

TECHNICAL SKILLS

Programming: JavaScript, TypeScript, Java, C++, Python, Dart, C# | **Frontend:** React, Angular, NestJS | **Backend:** Spring Boot, Node.js, Django, .NET | **Databases:** MySQL, MongoDB, PostgreSQL | **DevOps:** Git, GitHub, Docker, CI/CD, REST APIs | **AI Tools:** GitHub Copilot, Amazon Q | **Cloud:** AWS, Firebase | **Methodologies:** Agile/Scrum, TDD

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern | 4inTechnologie

February 2025 – August 2025

- Participated in all phases of software development lifecycle following Scrum/Agile methodology, from requirements to deployment.
- Developed and maintained internal web-based and mobile applications using Django, Flutter, and PostgreSQL.
- Wrote clean, well-documented code with unit tests integrated into CI/CD pipelines for quality assurance.
- Collaborated with senior developers and stakeholders to deliver high-quality solutions and troubleshoot issues.
- Contributed to continuous improvement by suggesting new tools and best practices for enhanced productivity.

Software Developer Intern | IEEE Tekup

September 2024 – November 2024

- Contributed to internal tool development using JavaScript and Node.js in an Agile team environment.
- Participated in code reviews, technical meetings, and implemented continuous integration processes.
- Assisted in testing, troubleshooting, and maintaining applications while documenting technical processes.

Software Developer Intern | Tunav

June 2024 – August 2024

- Developed and maintained web applications using Angular and .NET framework.
- Documented and tested REST APIs to improve traceability and reliability of deliverables.
- Managed application issues through logging systems and ticketing tools ensuring code quality.

ACADEMIC PROJECTS

DevConnect – Full-Stack Social Network for Developers

December 2024 – September 2024

- Development of a full-stack social networking platform enabling developers to connect, share projects, and collaborate.
- Design of a MongoDB database to store user profiles, posts, and comments, ensuring efficient data management.
- Creation of a responsive user interface with React and Material-UI, improving user experience across all devices.
- Use of Redux for global state management, ensuring smooth data flow and real-time updates.

Tourism Services Project

January 2024 – May 2024

- Implementation of secure authentication and authorization with JWT and middleware.
- Development of a statistics system to analyze user data.
- Design and implementation of the admin dashboard interface with Angular, using services and components to improve user experience.

E-learning Project

September 2023 – December 2023

- Collaboration on creating RESTful APIs with Spring Security for secure access.
- Development of secure APIs with Spring Security.
- Development of relational database structures in MySQL to model complex relationships and ensure efficient data management.

EDUCATION

Bachelor's Degree in Computer Science | Tekup University, Tunis

2019 – 2025

Relevant Coursework: Software Engineering, Data Structures & Algorithms, Web Development, Database Management

KEY QUALIFICATIONS

- Solid understanding of programming fundamentals, data structures, and algorithms with practical implementation.
- Familiarity with web development concepts (APIs, REST, frontend frameworks) and basic Java/JavaScript experience.
- Experience using AI-powered tools (GitHub Copilot, Amazon Q) to enhance development productivity.
- Exposure to cloud services (AWS), containerization (Docker), and CI/CD workflows.
- Excellent problem-solving and communication skills with ability to work effectively in collaborative teams.
- Strong organizational skills with demonstrated ability to manage multiple tasks in Agile environments.

LEADERSHIP & LANGUAGES

IEEE Tekup Student Branch – Sponsorship Manager (2024), Team Leader (2023) | **Languages:** Arabic (Native), French (Fluent), English (Fluent)