

# MOHAMED GUENIDI

Computer Science student | Full-stack developer

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## SUMMARY

Full-stack developer and Computer Science student with extensive experience delivering **end-to-end applications** across web and desktop platforms. Skilled in **multiple technologies and programming languages**, with a strong track record of turning ideas into fully deployed solutions. Active volunteer with proven **leadership and teamwork**, combining technical expertise with a drive to create real-world impact.

## EXPERIENCE

### Full Stack Developer Intern

#### Gexpertise

06/2025 - 07/2025 Sousse, Tunisia

#### GexFME App : CAD File Management & Analysis Platform

- Designed and developed **UX/UI dashboards** with React, Ant Design, and PrimeReact, delivering role-based navigation that streamlined complex engineering workflows.
- Architected a full-stack enterprise file system with Flask REST API, React frontend, JWT auth, PostgreSQL, and automated DXF workflows for corporate operations, improving stability by 40%.
- Engineered geometric computation algorithms using Python (Shapely, ezdxf), automating CAD area and polygon analysis, saving 20+ hours of manual work per week.
- Led cloud deployment strategy with Docker, CI/CD (GitHub), and Cloudflare R2 storage, achieving 100% automated release workflows.
- Implemented enterprise security architecture with AES, PBKDF2, JWT, and CORS, ensuring compliance with corporate-grade data protection standards.
- Optimized engineering workflows by automating Excel reporting, file transfers, and data pipelines, reducing manual processing time by 60%.

### Internship

#### STB Bank

06/2024 - 07/2024 Tunisia

- Gained hands-on professional experience supporting daily operations for 50+ clients at STB Bank.
- Collaborated with a team of 10+ colleagues, improving workflow efficiency and task completion rates.
- Enhanced customer communication skills, resolving 30+ client inquiries while maintaining high satisfaction.

## EDUCATION

### Bachelor's in Computer science

#### Institut Supérieur d'Informatique et des Technologies de Communication

09/2023 - Present Hammam Sousse, Tunisia

- Currently ranked among the top students in my section.

### Experimental Sciences baccalaureate

#### High School of Djemmal

09/2019 - 06/2023 Djemmal, Tunisia

- Graduated with mention and 15.01 mark

## TECHNICAL SKILLS

**Frontend Development:** HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Tailwind CSS, Bootstrap, EJS templating, responsive web design.  
**Backend Development:** Node.js, Express.js, PHP, Flask, RESTful API development, server-side rendering.  
**Databases:** PostgreSQL, MySQL, SQLite, MongoDB.  
**Tools & Platforms:** Git, GitHub, Docker, Postman, AWS S3, JWT authentication.  
**UI Libraries & Frameworks:** Ant Design, PrimeReact, Chart.js, Recharts, Framer Motion, Body-Parser, Medusa.  
**Specialized Skills:** DXF file processing (ezdxf), geometric calculations (Shapely), Excel automation (openpyxl).

## SOFT SKILLS

Strong problem-solving and attention to detail, with proven teamwork, leadership, and adaptability. Skilled in communication, time management, creativity, and cross-cultural collaboration.

## PROJECTS

### MindMate – Mental Wellness Tracker and Support Platform

<https://github.com/PsyCode404/MindMate>

Built a containerized PHP web app with Composer, REST-style APIs, JS/CSS, and Railway MySQL, deployed via Docker.

### Wyzer – Personal Finance Tracker

<https://github.com/PsyCode404/Wyzer>

Built with React 19 frontend, Express/Node.js API, and MySQL. Features budget management, transaction categorization, and spending analytics. Containerized with Docker for deployment.

### Explore more of my projects on GitHub:

<https://github.com/PsyCode404>

## KEY ACHIEVEMENTS



#### End-to-End Application Development

Developed full-stack web applications using multiple technologies, deployed for real users, featuring dynamic dashboards, automated workflows, and responsive, user-friendly designs.



#### Academic Excellence Achievement

Graduated with distinction in the Baccalaureate and currently ranked among the top students in the Computer Science program at Institut Supérieur d'Informatique, demonstrating consistent academic excellence.



#### Volunteer & Workshop Organizer

Active volunteer with **Tunisian Red Crescent** since 2023 and organized tech workshops at university, helping fellow students learn modern web technologies and development practices.



#### International Leadership Experience

Part of the organizing committee for **IEEE TSYP 11** (Tunisia's largest annual congress) and completed **AIESEC leadership program in Turkey**, coordinating logistics and welcoming international guests from around the world.



#### Professional Certifications Earned

Achieved FreeCodeCamp **Responsive Web Design certification** and **AIESEC Leadership Experience certificate**, validating expertise in modern web development standards and leadership capabilities.

## LANGUAGES

Arabic	Native
English	Fluent
French	Fluent
Italian	Intermediate