

# Ferhat Mohamed Tahar

## Front End Software Engineer

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### Skills

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**Languages:** JavaScript, TypeScript, HTML, CSS, SQL, Python, Bash

**Frontend:** React.js, Next.js, TanStack Start, Tailwind CSS

**Backend:** Node.js, Express.js, Nest.js, TypeORM

**Database:** PostgreSQL, MongoDB, Supabase, Redis

**Testing:** Jest, Vitest, React Testing Library

**Tools:** Git, Docker, Postman, Swagger, Jest, Jira, Vercel, Linux, CI/CD

### Experience

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#### Full stack Engineer, Omed

Dec 2024 – Mar 2025

- Reduced API integration time by 20% by designing RESTful APIs with Swagger/CompoDoc documentation for product and order management system
- Built secure authentication middleware using Nest.js and TypeORM, ensuring compliance with data protection standards for 500+ daily transactions
- Participated in Agile Scrum ceremonies using Jira, reducing sprint blockers by coordinating with 3 frontend developers
- Developed 5+ responsive frontend pages using React.js and Tailwind CSS, improving user experience and reducing page load time by 25%

#### Front End Engineer, Omed

Sept 2024 – Nov 2024

- Reduced form abandonment rate by 35% by implementing intuitive multi-step checkout process with real-time validation and progress tracking
- Established scalable frontend architecture and design system achieving UI consistency across 10+ pages through standardized spacing, typography, and component patterns
- Collaborated with backend team to integrate RESTful APIs, improving data flow efficiency

#### Full Stack Engineer, Omed

Feb 2024 – July 2024

- Deployed lab reservation system for University of Amar Telidji, now used by 100+ students across 2 departments for scheduling and resource management
- Implemented scheduling features, reducing booking conflicts by an estimated 40%

### Projects

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#### Cognacia, Freelance

[Live Demo](#) | [GitHub](#)

- Engineered full-stack e-learning platform with Next.js and Supabase, serving 150+ students and 25+ teachers with RBAC implementation
- Integrated seamless video and image upload functionality to Bunny CDN, handling 400+ media files with 99% delivery success rate
- Implemented email notification system using Nodemailer with Gmail SMTP, delivering welcome emails, password reset links, and teacher approval/rejection notifications with 100% deliverability rate

#### Teleaustism, Personal project

[Live Demo](#) | [GitHub](#)

- Developed telemedicine platform with Next.js and Supabase connecting doctors and patients for autism care, actively used by 10+ doctors and 20+ patients
- Implemented comprehensive patient profile system enabling doctors to track medical notes and collaborate with other specialists for improved care coordination

### Education

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**Ammar Telidji University** – Master in Computer Science, Cyber Security

Sept 2022- Sept 2027