Firas Glai *Fullstack Developer*

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Profile

Fullstack Software Developer with over 2 years of experience in designing, developing, and implementing high-performance and secure web and mobile applications. Holder of a Bachelor's degree in Computer Science and Software Engineering (2020), I'am currently enrolled in a Software Engineering program, with my graduation project postponed to focus on professional commitments and hands-on, high-impact projects.
Proficient in JavaScript, TypeScript, Java, and PHP, I've successfully transformed client ideas into complete digital solutions.Passionate about innovation, I'm currently specializing in AI-powered web and mobile applications. In addition to my technical expertise, I've also led projects as a Project Manager, defining and managing sprints using the Scrum methodology to ensure efficient and structured development.

Professional Experience

Fullstack Developer, *Growth Fusion* 10/2024 – present
Bizerte, Tunis

- Engineered and maintained scalable web applications for high-traffic environments with React.js, Next.js, Laravel, and Supabase, ensuring peak reliability, security, and performance.
- Delivered secure video streaming solutions by integrating Mux and AWS and automated web CI/CD processes using Vercel for zero-downtime deployments and rapid feature releases.
- Developed and enhanced specialized ed-tech and job recruitment platforms, optimizing online learning and talent onboarding with modular UIs and workflow automation.
- Built and released a iOS/Android mobile app as a Mobile Developer, leveraging Expo React Native and advanced state management for robust, cross-platform user experiences; automated build and release pipelines using GitHub Actions with Expo Application Services (EAS)

End-of-studies internship - Software engineering Intern, *3S Spring Services & Solutions* 02/2024 – 08/2024
Ariana, Tunisia

- Engineered mobile-responsive UIs in React, TypeScript, and Tailwind CSS, reducing design-to-deployment time by 25%.
- Enhanced interactive Kanban and real-time collaboration features using Node.js, TypeScript, and Prisma, boosting productivity across team workflows.
- Automated Agile process management and sprint planning with Bitbucket and Jira, driving efficient Scrum collaboration and on-time deliverables.

Front End Developer, *RedDiamond* 10/2023 – 05/2024
Bizerte, Tunis

- Contributed to industry-specific management platforms, focusing on interactive analytics dashboards and automation of financial modules.
- Implemented state management optimizations using advanced libraries, boosting performance and user satisfaction.
- Collaborated with cross-functional teams to integrate real-time data visualization and reporting features.

Software Engineering Intern, *Digit -R* 07/2023 – 09/2023
Tunis, Tunisia

- Developed and deployed a real-time appointment management system using Angular, NgRx, Angular Calendar, and Spring Boot MVC, streamlining scheduling and coordination for staff and clients.
- Automated dynamic workflow and notification features, improving operational efficiency across departments by integrating real-time calendar functionality.
- Enhanced reliability and user experience with robust DTO/model architecture and optimized event handling.

End-of-studies internship – Front End Developer Intern, *BFI Group* 01/2020 – 07/2020
Tunis, Tunisia

- Built and maintained analytical dashboard applications with Angular and Power BI integration, enabling data-driven decision-making for banking-sector clients.

Education

Computer Systems and Software Engineering, 2021 – 2025
Ecole Polytechnique Internationale Privée de Tunis Lac 1, Tunis, Tunisia

Bachelor's Degree in Computer Systems and Software, *University of Carthage, ISSAT Mateur* 2017 – 2020
Mateur, Bizerte, Tunisie

Baccalaureate in Computer Science, *Lycée Bach Hamba* 2014 – 2017
Bizerte, Tunisia

Projects

Opportunities Beyond Border, *Fullstack Developer - Growth Fusion* 07/2025 – 11/2025

- Architected a secure job platform using Next.js and Supabase, supporting role-based authentication and fine-grained data protection.
- Automated CI/CD with Vercel, enabling rapid feature rollout and zero-downtime updates.
- Developed 49+ responsive interfaces from Figma leveraging modular Tailwind CSS components for all user roles.

Keywords : Next.js, Supabase, Vercel, Tailwind CSS, CI/CD, Auth, Realtime

Ecoline Mobile, *React Native Developer - Growth Fusion* 03/2025 – 07/2025

- Designed and developed a React Native Expo app for iOS and Android users.
- Integrated AI-powered chat with MathJax and Markdown, enabling rich educational content rendering for diverse audiences.
- Streamlined video streaming via Mux and Expo Video for high-performance playback on all devices.
- Automated builds and deployments using EAS, publishing directly to TestFlight and Google Play stores.

keywords : React Native, Expo, Mux, expo-video, AI Chat, MathJax, Markdown, TanStack Query, Zustand, EAS, TestFlight, Google Play

Ecoline Web, *Fullstack Developer - Growth Fusion* 10/2024 – 03/2025

• Built a secure Laravel + Mux backend for video streaming, minimizing load times by 30% and ensuring top-tier content protection.
• Developed a React.js client with 92 PageSpeed score and advanced UX (lazy loading, dynamic imports).
• Managed CI/CD with GitHub Actions, reducing deployment issues by 40%.

Keywords : Laravel, React.js, Mux, Vercel, GitHub Actions, CI/CD

RedDiamond Accounting - RedDiamond, *Front End Developer* 02/2024 – 05/2024

• Engineered and deployed accounting and invoicing modules for the music platform—product tracking, cost analysis, and workflow automation—cutting manual input errors by 40%.

Keywords : React.js, Zustand, TanStack Query, Laravel

RedDiamond Backstage, *Front End Developer - RedDiamond* 10/2023 – 02/2024

- Designed modular frontends for music label management, onboarding 20+ artists/content managers.
- ntegrated interactive Chart.js dashboards for real-time streaming and revenue analytics.

Keywords : React.js, Chart.js, Zustand, TanStack Query, Laravel

AppointmentEase, *Software Engineering Intern - Digit-R* 07/2023 – 09/2023

- Designed and deployed an Angular appointment system with Angular Calendar and a robust Spring Boot MVC backend.
- Reduced scheduling conflicts and improved booking efficiency by 50% through dynamic calendar integration and notifications.

Keywords : Spring Boot (MVC), Angular, Angular Calendar, NgRx, RxJs

Real-time video chat solution, *Freelance Frontend Developer – Bookme.fans* 03/2023 – 05/2023

- Integrated the Amazon Chime SDK into a Node.js backend and developed a client interface in React.js to enable real-time video.

Keywords : React, Node.js, AWS Chime.

E-commerce Microservices, *Academic project* 02/2021 – 04/2021

- Designed and implemented microservices covering authentication, order processing and product management on an e-commerce platform.

Keywords : Node.js, Docker, RabbitMQ, MongoDB, API Gateway.

Digital Marketing platform, *Front End Developer Intern - BFI Group* 01/2020 – 07/2020

- Built a digital marketing platform with Angular front-end and Spring Boot backend, enabling campaign tracking and Power BI analytics for stakeholders.

Keywords : Spring Boot, Angular, Power BI

Skills

Programming Languages
JavaScript, TypeScript, Java, PHP

Frameworks & Platforms
React.js, Next.js, Angular, Node.js, Nestjs, Express.js, Laravel, Spring Boot, React Native, Expo, Supabase

UI & Design
HTML5, CSS3, Tailwind CSS, SASS/SCSS, Chart.js, Figma, Shadcn/ui

Databases

MongoDB, MySQL, PostgreSQL

DevOps & Cloud
Docker, Vercel, Git, GitHub, Bitbucket, GitHub Actions, Expo Application Services (EAS), Jenkins, Amazon AWS, RabbitMQ, Hostinger

Languages

Arabic: Native

English: IELTS - B2

French

Certificates

IELTS — B2 Level

AWS - Cloud Practitioner - Foundational — This certification validates cloud fluency and foundational AWS knowledge.

Interests

Technical Interests

- Building custom automation workflows with **n8n** and integrating **AI agents**.
- Contributing to **open-source projects** to advance development tools and automation ecosystems.

Physical and Personal Development Activities

- Swimming
- Camping