

Firas Glai

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SUMMARY

Software engineering student with a passion for web development and a proven track record of delivering scalable solutions and crafting intuitive web applications. Adaptable and collaborative team player with keen observation, strong decision-making abilities and effective communication, Committed to continuous learning and staying at the forefront of industry trends to drive innovation and deliver exceptional user experiences.

EXPERIENCE

Full-Stack Developer Intern

BFI Group

January 2020 – June 2023, 5 Rue Ghar el Melh, Tunis 1053

- Study and implementation of a digital platform in the banking sector .
- Built a SpringBoot backend with Spring Data JPA, implementing a repository pattern for optimized data flow .
- Integrated PowerBI for real-time data visualization, Improved decision-making through dynamic analytics.
- Crafted responsive Angular UI with advanced features—pipes, directives, interceptors, and guards.

Software Engineering Intern

Digit -R

July 2023 – September 2023, Bureau A4-10 Cleopatre Center, Tunis 1035

- Design and Implementation of Appointment Management System .
- Implemented a secure backend appointment system with SpringBoot, integrating Spring Security, JWT, and Java Mail for secure authentication and mailing features .
- Employed a Factory Pattern to dynamically create users based on roles (Admin, Patient, Doctor), enhancing system flexibility .

PROJECTS

Developed a Real-Time Video Chat solution using the Amazon Chime SDK

Freelance Task • March 2023 – April 2023

- 1 Developed a Real-Time Video Chat solution with the Amazon Chime SDK, implementing in a TypeScript Node.js backend the create Meeting and create Attendee Services.
- 2 Integrated Real-Time Video Chat capabilities into a TypeScript React application using the Amazon Chime SDK, while leveraging the amazon-chime-sdk-component-library-react package for enhanced functionality and reusable components.

University Management System

Unifying project at polytech intl univeristy • March 2022 – May 2022

- 1 Engineered a JavaEE University Management System with EJB architecture, DAO pattern, and three user roles.
- 2 Crafted user-friendly JSP interfaces with Bootstrap 4, ensuring an intuitive experience for administrators, faculty, and students.
- 3 Integrated JavaEE for authentication, session tracking, and data persistence in a secure University Management System.

EDUCATION

computer system and software engineering

Polytech-Intl • Rue du Lac d'Annecy, Tunis 1053 • 2024

Licence degree in computer system and software

University of Carthage, ISSAT MATEUR • Mateur • 2020

Bachelor degree in computer science

Minor in German • Lycée Bach Hamba • Bizerte • 2017

SKILLS

Programming Languages : Java , Javascript , Typescript .

Front End : HTML , CSS , JavaScript ,Bootstrap ,Tailwindcss, React ,Redux, Angular , RxJS , NgRx .

Back End : Node.js , Express.js, JavaEE, SpringBoot, RESTful API Design.

Authentication and Security: JWT , Spring Security , Clerk .

Database & Messaging systems : MySQL , MongoDB , Firebase, RabbitMq.

ORM: Hibernate , Prisma .

Tools : Git , Docker .