

Driven by a passion for technology and innovation, I am committed to leveraging my skills in software development to create impactful solutions. With a strong foundation in both mobile and web development, I thrive in dynamic environments and am constantly eager to learn and adapt to new challenges. My goal is to contribute to meaningful projects that push the boundaries of technology and improve everyday lives



Work Experience

Knowlepsy

Web & Mobile Developer | April, 2023 - Present

KnowRisk Mobile Application

- Developed a React Native app that helps epileptic individuals manage their health by connecting to external BLE devices.
- Integrated Apple Health and Fitbit APIs to sync and analyze health data.
- Implemented health insights through interactive charts, providing users with a clear overview of their health metrics, increasing user engagement by 30%.
- Used Redux for efficient state management across the application.
- Applied Domain-Driven Design (DDD) to ensure scalability and maintainability.
- Implemented API integration, resulting in a 15% improvement in app performance.

Ally Mobile Application

- Developed a Flutter mobile application that empowers epileptic individuals to manage their health.
- Integrated Bluetooth Low Energy (BLE) to connect with external devices for health data collection.
- Implemented real-time data streaming to provide users with immediate insights into their health metrics.
- Reduced app loading time by 30%, resulting in 15% more user engagement.

Ally API Development

- Designed and developed a secure Node.js-based API to store and manage user data for the Ally mobile app.
- Integrated Stripe for seamless third-party payment processing.
- Implemented robust security measures to safeguard user data and ensure compliance with industry standards.
- Achieved a 25% reduction in server response time by optimizing database queries.
- Applied Domain-Driven Design (DDD) principles to create a scalable and maintainable architecture.

SmartMed

Web Developer intern | January, 2023 - April, 2023

Medlink web application

- Developed an advanced dashboard for doctors and secretaries using Symfony and Angular to manage patient appointments and consultations efficiently.
- Implemented patient data visualization and predictive features to enhance decision-making.
- Designed seamless functionality to streamline daily operations in healthcare settings.
- Contributed to a 15% increase in website traffic, resulting in higher brand visibility.

Educational Background

Bachelor of Computer Science - Software Engineering

2020 - 2023 | Higher Institute of Computer Science and Multimedia Sfax.

Skills

Technical Skills

- HTML / CSS / Javascript
- Node / Express JS
- PHP / Laravel / Symfony
- Dart / Flutter
- React Native / Ionic
- Angular / React
- Sql / NoSql
- Git / Github / Azure

Languages

- English (Fluent)
- French (Fluent)
- Arabic (Native)

Certification/Short Courses

- Certified Introduction To Programming Using HTML And CSS (Microsoft)
- Certified French B2 (Delf)

Additional Information

- Excellent problem-solving under pressure.
- Ranked in the Top 5 at the NMTC Hackathon for developing a cutting-edge solution in "healthcare technology".

Projects

GlycoCare — Health-Glucose monitoring

Mobile & Backend Developer | April, 2025

- Developed a cross-platform mobile app connecting to wearable devices via BLE to collect and monitor biosignals data.
- Implemented features for glucose forecasting, hypo/hyperglycemia risk detection, and lifestyle impact tracking.
- Reduced app loading times by 25% by optimizing database queries and server responses.
- Managed a database system containing over 2 million records for a high-traffic social networking site.
- Collaborated on machine learning model integration to deliver personalized health insights and real-time data visualization.

Med4 Solutions delivery mobile application

Freelance Mobile Developer | March, 2022 - April, 2023

- Developed a mobile app tailored to optimize the delivery process for pharmacy personnel.
- Implemented real-time tracking, delivery management, and account management features.
- Integrated advanced functionalities such as navigation via maps, live location updates, notifications, and in-app chat to enhance communication.
- Achieved 50% increase in user satisfaction by revamping the user interface and upgrading the mobile app experience.
- Led development of mobile application features, increasing user engagement by 30%.

Med4 Solutions System API

Freelance Web Developer | March, 2022 - April, 2023

- Designed and implemented a robust Node.js and Express-based API following DDD principles to manage delivery details and user roles (super admin, pharmacy, delivery personnel, patient).
- Ensured secure access with JWT authentication and provided real-time data functionality for live updates.
- Reduced app loading times by 20% by optimizing database queries and server responses.
- Managed a database system containing over 5 million records for a high-traffic social networking site.
- Integrated Stripe for seamless third-party payment processing.