Zakaria Yousfi

Date of birth: 27/02/2004

Nationality: Tunisian

Gender: Male

CONTACT

📍 Sidi Bouzid
9100 Sidi bouzid, Tunisia
(Home)

✉️ zakariayousfiss@gmail.com

📞 (+216) 94613742

🌐 https://myportfolio-t59o.onrender.com/

in https://www.linkedin.com/in/yousfi-zakaria-78550b252/

ABOUT ME

An enthusiastic and dynamic IT professional with a robust expertise in full-stack web and mobile development using cutting-edge frameworks like Java, Angular, Flutter, and Spring Boot. Passionate about innovation, with hands-on experience in IoT, robotics, and Firebase solutions, I excel at crafting user-centric applications that bridge technology and creativity. I am fueled by a relentless curiosity for emerging technologies, thriving in collaborative, fast-paced environments while continuously seeking opportunities to expand my skill set and contribute to impactful projects.

EDUCATION AND TRAINING

02/09/2022 – CURRENT Sidi bouzid, Tunisia

Bachelor Degree in Informatique Technologie Iset Sidi Bouzid

15/09/2021 – 24/07/2022 Sidi bouzid, Tunisia

Baccalaureate in Natural Science Ministrier Of Education

WORK EXPERIENCE

11/01/2024 – 15/02/2024 Tunisia, Tunisia

Junior IT in Tagamuta Valley Tagamuta Valley

Backend Development
- Designed and implemented backend solutions using **Spring Boot**, creating RESTful APIs to support web and mobile applications.
- Enhanced application performance by optimizing backend code and implementing best practices for scalability and maintainability.
- Integrated backend services with databases to ensure seamless communication and dynamic data handling.

Database Management
- Worked with relational databases, including **MySQL** and **PostgreSQL**, to design schemas and write efficient queries.
- Managed data storage, retrieval, and processing for backend systems, ensuring high reliability and accuracy.
- Optimized database performance by analyzing query execution plans and indexing critical data fields.

Java Development
- Built on foundational **Java** knowledge by applying advanced concepts such as multithreading, exception handling, and design patterns in backend development.
- Debugged and refined Java-based code, ensuring clean, reusable, and efficient solutions for various projects.
- Explored additional Java libraries and frameworks, broadening technical expertise.

Team Collaboration
- Collaborated with cross-functional teams to integrate backend services with front-end applications, aligning with project requirements and timelines.
- Contributed to code reviews, offering constructive feedback and incorporating team insights to enhance code quality.
- Participated in Agile workflows, including sprint planning, daily stand-ups, and retrospectives, to ensure smooth project execution.

Problem-Solving and Initiative
- Diagnosed and resolved technical issues in backend systems, ensuring minimal downtime and high system reliability.
- Took initiative to research and implement new technologies and tools, improving overall project efficiency.

Professional Growth
- Demonstrated a proactive approach to learning, continuously improving knowledge of backend development, Java, and team collaboration.
- Attended workshops and training sessions to stay updated on industry trends and best practices.

28/03/2023 – 31/10/2023 Tunis, Tunisia

WordPress Freelancer SWD Agency

Website Design and Development
- Designed and developed dynamic, responsive websites using **WordPress** and **Elementor**, ensuring visually appealing and user-friendly interfaces.
- Customized **WordPress templates** to meet client requirements, creating unique and professional websites tailored to various industries.
- Implemented advanced features and functionalities using plugins and custom code, enhancing user experience and site performance.

Search Engine Optimization (SEO)
- Optimized websites for search engines, improving rankings and visibility through on-page and technical SEO strategies.
- Integrated SEO tools to monitor website performance and track traffic growth, implementing improvements based on analytics.

Hosting and Deployment
- Managed website hosting, including setup, domain management, and migration, ensuring seamless deployment and uptime.
- Resolved hosting-related issues, ensuring secure and reliable websites for clients.

Client Collaboration
- Worked closely with clients to understand their business needs and translate them into effective digital solutions.
- Provided training and guidance to clients on website management, empowering them to maintain their online presence independently.
- Delivered timely updates and progress reports, maintaining strong client relationships and satisfaction.

Project Management
- Successfully completed 10+ projects, meeting deadlines and exceeding client expectations through efficient time management and communication.
- Documented project details, maintaining a portfolio to showcase the quality and variety of completed work.

Continuous Learning and Skill Enhancement
- Mastered the **Elementor** page builder, leveraging its advanced features to create professional-grade websites.
- Expanded knowledge in WordPress ecosystem, SEO techniques, and hosting best practices to deliver cutting-edge solutions.
- Kept up-to-date with WordPress updates, plugins, and design trends, ensuring relevance and competitiveness in the market.
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09/01/2023 – 28/01/2023 Tunisia, Tunisia

Intern IT in Tagamuta Valley Tagamuta Valley

Team Collaboration
- Actively participated in team-based projects, fostering effective communication and collaboration to achieve project goals.
- Contributed ideas and solutions during brainstorming sessions, enhancing project outcomes through collective input.
- Adapted to Agile methodologies, learning to manage tasks, prioritize deliverables, and meet deadlines in a collaborative setting.

Java Basics and Application Development
- Acquired foundational knowledge of **Java programming**, focusing on object-oriented principles and core syntax.
- Developed simple Java applications, emphasizing problem-solving and the implementation of clean, efficient code.
- Explored key Java technologies, including exception handling, data structures, and file I/O, to build functional applications.

Learning and Adapting to Technologies
- Gained exposure to related technologies, understanding their integration with Java-based solutions.
- Applied theoretical concepts in hands-on tasks, bridging the gap between academic learning and real-world application.
- Demonstrated a willingness to learn and adapt, leveraging mentorship and resources to deepen understanding.

Problem-Solving and Initiative
- Took initiative in troubleshooting technical issues, applying analytical skills to identify and resolve challenges.
- Assisted team members in debugging and refining code, contributing to overall project quality.

Professional Growth
- Engaged in knowledge-sharing sessions, learning from experienced team members to broaden technical expertise.
- Showcased a commitment to continuous learning, exploring new tools and best practices in Java development.

01/08/2021 – 16/08/2022 Tunisia, Tunisia

IOT4TUNISIA BOOTCAMP MentorNations

Web Development
- Designed and implemented responsive websites using **HTML**, **CSS**, and **JavaScript**, focusing on user experience and modern design practices.
- Enhanced web functionality and interactivity by integrating **TypeScript** for improved code maintainability and scalability.
- Leveraged **Firebase** for real-time database management and authentication in web projects.

Mobile Application Development
- Developed Android applications using **Android Studio**, focusing on user-centric design and robust functionality.
- Integrated backend services with mobile apps for real-time data synchronization and improved user experience.

Database Management
- Created and managed relational databases using **SQL**, implementing efficient queries and schema designs for various projects.
- Integrated databases with web and mobile applications to support dynamic content and data-driven features.

IoT and Robotics
- Built IoT-based projects, integrating hardware components with software solutions to create automated and connected systems.
- Programmed and tested robotic components, emphasizing functionality and precision in real-world applications.
- Collaborated on designing and implementing IoT ecosystems, using sensors, actuators, and microcontrollers.

Collaborative and Agile Practices
- Worked on team-based projects, employing Agile methodologies to ensure timely delivery and iterative improvement.
- Utilized version control systems like Git to manage code and collaborate effectively with team members.

Learning and Growth
- Participated in hands-on sessions, workshops, and hackathons to apply theoretical knowledge in practical scenarios.
- Continuously explored and adapted to emerging tools and technologies, ensuring alignment with industry trends.

PROJECTS

09/02/2023 – 22/02/2023

MyPetHero

Developed a responsive web application using **Angular** to provide users with a seamless platform for selecting and purchasing their favorite pets. The application offers a user-friendly interface, ensuring accessibility across devices for a smooth browsing and purchasing experience. Designed to combine functionality and convenience, MyPetHero focuses on delivering an engaging and reliable solution for pet enthusiasts.

17/09/2024 – 14/12/2024

TunisiaLuxe Project

Created a hotel booking web application using **Laravel**, designed to cater to both visitors and administrators. The platform allows visitors to browse and select hotel rooms of their choice effortlessly. Administrators have the capability to create, manage, and approve bookings, ensuring smooth operations and user satisfaction. The application combines a sleek user interface with powerful backend functionality, providing a seamless and efficient experience for all users.

14/09/2024 – 13/12/2024

MasterOrganiza Project

Developed a responsive booking Events web application using **Angular** for the front-end and **Spring Boot** for the back-end. The platform enables users to host, create, and participate in events and festivals seamlessly. Designed with a mobile-responsive interface, the application ensures accessibility across devices, offering a

user-friendly experience for both organizers and participants. The project focuses on robust functionality, scalability, and an intuitive design to enhance engagement and streamline event management within the hospitality industry.

21/08/2024 – 27/09/2024

Escoprosthetics Project

Developed a comprehensive web application using **Angular** for the front-end and **Spring Boot** for the back-end to facilitate the discovery and sale of prosthetic products. The platform offers a seamless user experience, allowing users to browse and purchase prosthetics easily. Additionally, the application features an integrated blog section where users can find informative and engaging content related to prosthetics, enhancing community engagement and knowledge sharing. The project emphasizes scalability, responsiveness, and a user-friendly interface to cater to a diverse audience.

08/08/2020 – 31/08/2021

SmartHotel Project

Developed a web and mobile application using **Angular**, **Android Studio**, and **Firebase** to provide seamless control over hotel room settings. The app integrates IoT and sensor technologies to allow users to manage room functionalities such as lighting, temperature, and door locks remotely. This innovative solution enhances the guest experience by offering convenience, automation, and real-time control, while ensuring secure and reliable communication between devices and the application.

LANGUAGE SKILLS

MOTHER TONGUE(S): Arabic

Other language(s):

English

Listening C2
Spoken production C1
Reading C1
Spoken interaction C1
Writing C1

French

Listening B2
Spoken production B1
Reading B2
Spoken interaction B1
Writing B1

German

Listening A2
Spoken production A2
Reading A2
Spoken interaction A2
Writing A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

- **Programming Languages: html , css ,Java, TypeScript, Dart, JavaScript , Python , C**
- **Front-End Frameworks: Angular, Flutter , Laravel**
- **Back-End Development: Spring Boot, RESTful APIs**
- **Databases: Firebase, PostgreSQL, MySQL**
- **IoT and Robotics: Integration and automation solutions , Arduino , C++**
- **Tools and Methodologies: Git,GitHub, Agile, CI/CD**

COMMUNICATION AND INTERPERSONAL SKILLS

- **Team collaboration**
- **problem-solving**
- **adaptability**
- **Good Listener**
- **Smart Worker**

HOBBIES AND INTERESTS

- **GYM**
  I like to spend 4 sessions weekly in the gym to keep fit .
- **Video Games**
  I always enjoy playing Video Games Specially RGB and Single player Games.
- **FootBall**
  Next to Hitting the Gym playing football is the Best .