Joseph El Khoury

Computer Engineer

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SUMMARY

Highly skilled Full Stack Software Engineer with 5+ years of experience building scalable and user-focused web applications using agile methodology. Proficient in the latest front-end technologies, including ReactJS, NextJS, and React Native. Experienced in developing robust, maintainable code that has contributed to the growth and success of numerous businesses and startups. Proven ability to deliver innovative solutions and overcome technical challenges, resulting in significant impact on business growth and customer satisfaction.

EXPERIENCE

Full-Stack Engineer – IOT Engineer

Creoshift (2018 – Present)

Full-Stack Engineer

- Developed Qatar Media Portal using Next.js and Azure, a scalable platform for hosting exclusive content related to the FIFA World Cup 2022 and assisted in obtaining necessary permits for media to enter and film in Qatar during the tournament.
- Developed a model app with a Tinder-inspired matching functionality using React Native and geolocation to match models with local brands for potential collaborations
- Designed and Developed a coding platform for kids and teens using React Native and integrated Mastercard gateway for payments processing
- Designed and developed an expense management platform using Next.js and a user-friendly React Native app, Integrated Uqudo KYC SDK to facilitate remote bank account opening during the COVID-19 pandemic.
- Developed a remote orthodontic treatment platform that allows patients to receive treatment from home, Built using Next.js, Three.js, and Amazon S3 for user teeth image uploads, along with an admin dashboard for patients and sales management.
- Developed a SaaS platform using Next.js for multi-channel customer support, enabling agents to manage chats from WhatsApp, Telegram, Facebook, and web all in one place, making it easier and more efficient for them to respond to customer inquiries.
- Created a Q&A SaaS platform using Next.js and a custom algorithm to provide efficient customer support by searching for specific keywords and providing corresponding answers.
- Mentored interns and junior engineers by participating in regular pair programming, training sessions, and code reviews.

IOT Engineer

- Built a smart strikes system for MMA, controlled by a mobile app and Arduino, improving the accuracy and efficiency of strike tracking.
- Built a motion sensor system that sends an awareness message for passengers.
- Built a smart recycling machine using Raspberry Pi and QR code, improving the efficiency of the recycling process and promoting sustainability.

Web Developer

Keeward Group (2017 – 2018)

- Developed scalable and reliable backend systems using Ruby on Rails and MongoDB.
- Managed agile software projects, utilizing practices such as pair programming, git, and test-driven development to ensure high quality and timely delivery.
- Wrote migrations to update and optimize the company's primary website.
- Improved user management and roles, enabling more efficient and effective operation of the website.

IT Support Specialist

Daher Foods (2016)

- Ensured the security and stability of the company's systems and networks through effective administration and maintenance.
- Implemented robust data backup and disaster recovery strategies to protect company data and minimize downtime.

- Developed a tool to monitor and alert for server failures, improving the reliability and uptime of the company's systems.
- Installed and configured Cisco routers and switches to support the company's network infrastructure.
- Advised company users on how to stay safe while using the web, improving the security and privacy of the company's data.

Computer Repair Technician

Lawandos E.T.S (2012 – 2015)

- Acquired in-depth knowledge of computer hardware and software components and installation techniques.
- Demonstrated expertise in testing, identifying, repairing, and maintaining computer equipment.
- Developed strong communication skills with clients through regular interactions and problem solving.

EDUCATION

Master in computer engineering and telecommunications

Antonine University – Zahle, Lebanon (2012 – 2017)

College - General Siences

College Des Soeurs Antonine – Zahle, Lebanon (1998 – 2012)

SKILLS

JavaScript	Sanity	Node.js	Python
TypeScript	HTML5/CSS	Express.js	OpenCV
Next.js	Bootstrap	Electron.js	Linux
React.js	Tailwind CSS	Three.js	Nginx
React Native	Styled Components	MongoDB	Raspberry Pi
Redux	GraphQL	Git	Arduino

CERTIFICATES

C.E.H

Certified Ethical Hacker (05/2019)

CCNA

Network Fundamentals (07/2013)

Routing and Switching Essentials (06/2016)

Scaling Networks (02/2017)

Connecting Networks (06/2017)

Languages

English ★★★★★

French ★★★★☆

Arabic ★★★★★