Jean Khoury

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EDUCATION

University of Montreal   2020-2023
Bachelor (B. Sc.) Computer Science

EXPERIENCE

Software Development Engineer Intern   June 2023 - Present
Amazon - Ads Optimization Team

- Developed a critical client-facing feature for a high-traffic page with over 50 million advertisers.
- Worked on both the front-end and back-end, creating a new API endpoint using Java Spring for the backend and building the front-end with React TypeScript.
- Designed and implemented a cost-effective, scalable, and fault-tolerant system using state-of-the-art technologies and industry best practices.
- Conducted rigorous testing, including A/B testing, to ensure the highest quality and reliability of the feature.

Software Developer Engineer Intern   May 2022 - August 2022
Amazon, Buy with prime team

- Collaborated with client team to design and implement key features in converting a Rest API to GraphQL.
- Deployed web architecture on AWS using ECS and Fargate, and automated cloud infrastructure using CDK for more efficient deployment and management.
- Participated in team meetings and contributed innovative ideas and insights to drive continuous improvement.
- Tested and maintained the system to ensure quality and reliability, providing ongoing support as needed.

Teaching assistant   January 2023 - June 2023
University of Montreal, Introduction to web technologies

- Facilitate weekly, 2-hour web design sessions for a class of 30 students while assisting in the development of a comprehensive curriculum that emphasizes both the fundamentals of web design and important industry concepts such as accessibility, good coding practices, and UX principles.

Lead Quality Assurance Tester   October 2020 - March 2022
StarDust Testing CTG Group

- Conducted accessibility audits on websites and PDFs following WCAG 2.0 AA standard, reporting audit findings and contributing to the improvement of 50+ websites.
- Reduced manual execution in accessibility audits by 50% using selenium and other automated tools, streamlining the audit process and increasing efficiency..
- Contributed to a fast-paced, agile environment focused on CI/CD, continually participating in sprint retrospectives to strengthen team, agile, and QA processes.
- Conducted accessibility audits for high-profile clients, such as Hydro-Québec and the European Parliament, ensuring compliance with accessibility standards.

Digital Marketing Lead   July 2018 - May 2020
Cuisine d'Or Catering

- Taken my family's business online by setting up an online identity featuring branding, a website, social media, and search engine optimization (SEO).
- Converted the traffic to more than 50 qualified leads (including Interpol and an Embassy). Analyzing the results and creating reports.

WORKSHOP AND PROJECTS

"Short.001.lat" URL shortening platform | *JavaScript*   2020

- URl shortening API using express JS. Front end available at short.001.lat

"Hack the fake: fighting disinformation" | *Hackathon*   2020

- Prototyped a decentralized fact checking platform

Certification

ISTQB® Certified Tester - Foundation Level | *iSQI Group*   2022

Technical Skills

Languages: JavaScript, Java, Kotlin, Python, Ruby
Frameworks: AWS CDK, Express JS, React JS, Rails, TailWind CSS
Testing: J-unit, Selenium, Azure DevOps, Jira

Non Technical

Languages: French (Native), English (Native)