Anne-Sophie Simon
Full Stack Engineer

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SUMMARY OF QUALIFICATIONS

4+ years of experience in full stack development, encompassing the full software development lifecycle. Proficient in crafting user-centric solutions using modern technologies like React, GraphQL, and Node.js. Skilled in Agile methodologies, ensuring efficient collaboration and rapid delivery of high-quality software products while adhering to strict timelines.

TECHNICAL SKILLS

Languages: Javascript (ES6), Typescript, Java, HTML5, CSS3
Frameworks: React, Express, NextJs, TailwindCSS, Bootstrap, Material-UI, Sencha, Rendr
Database: MySQL, PostgreSQL, MongoDB
API development: GraphQL, REST API, Postman, Swagger
Development Tools: Redux, NPM, ESLint, Prettier, Linux command line
Testing libraries: Jest, Mocha, Test Cafe
Source control management: Git, GitHub, GitLab
CI/CD: GitHub Actions, Jenkins
Containerization/Orchestration: Docker, Kubernetes
Cloud computing: Vercel, Firebase
Analytics Tools: Amplitude
Monitoring: New Relic, Splunk

EXPERIENCE

Software Engineer, Change.org - Canada   11/2019 - 09/2022
React, JavaScript & TypeScript, GraphQL, Node, Rendr, Ruby on Rails, Elixir, MySQL, AWS, Docker, Kubernetes, Jenkins

• Expanded membership program to support all countries, by gathering requirements and orchestrating development of both frontend and backend components. This effort led to an increase of $3.5M in LTV/year.
• Launched and maintained membership verticals in collaboration with the product manager, designer, QA, and engineers, translating user insights into actionable features from conception to post-launch monitoring. This initiative resulted in a 90% increase in user retention.
• Led the team in achieving ADA compliance in the membership flow, demonstrating a strong commitment to web accessibility standards and resolving complex accessibility issues, resulting in an inclusive user experience.
• Designed and developed responsive layouts and user interfaces (react/typescript), and implemented APIs, ensuring smooth data flow and interaction within the application.
• Implemented unit/regression tests (Jest, Mocha, TestCafe) and created monitoring charts to identify production issues (Splunk, Amplitude), applying best practices in reliability and security to ensure the stability and security of the application in production environments.
• Conducted and documented spikes for the feasibility of developing features, and provided technical insights to enhance workflow efficiency.

Software Developer, Datapole - France   06/2018 - 10/2019
Java, JavaScript, Ext.js, Spring, MySQL, Bootstrap, Spark

• Independently delivered and maintained end-to-end predictive analytics software solutions for 5 clients, showcasing adaptability to diverse project requirements and demonstrating flexibility in addressing unique client needs.
• Designed and implemented user interface charts using Ext.js to display analytics and predictions generated by data scientists.

• Perform database migration and regular optimization of queries and indexes to ensure high performance. These efforts contributed to maintaining a robust and scalable system for the organization's clients.
• Troubleshot and debugged software issues, resulting in a 25% reduction in client complaints due to strong problem-solving skills by leveraging computer science principles.

PERSONAL PROJECTS

Packages Hub
React, JavaScript, Redux, TailwindCSS, Node, MongoDB, MVC, Vercel
• Developed end-to-end solution to help developers organize and access their essential npm packages effortlessly. using React, Redux, Node.js, and MongoDB to streamline package management.

WalletWatch
React, JavaScript, Context API, Material UI, Firebase Firestore, Firebase Authentication
• Created an expense tracker application to help users manage their finances efficiently. Leveraged React and the Context API for state management, ensuring seamless updates and real-time tracking of expenses and income. Integrated Material UI for an intuitive user interface.

CERTIFICATIONS AND COURSES

Solutions Architects Associate, AWS - Toronto	02/2024
React Certificate, HackerRank	12/2023
GraphQL Developer Associate, Apollo	11/2023
Learn Python 3, Codecademy	08/2023

EDUCATION

Simplon.co, Diploma in software development - France	2018
Doranco Higher School of Creative Tech, Bachelor of Web Project Management - France	2017

LANGUAGES

French, English (Bilingual)