**Maxime Caron**

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I am a driven software engineer with a passion for creating maintainable, quality, and scalable software. Staying informed about new technologies and exchanging insights within the software community is fundamental to my approach.

When it comes to software, I'm a bit of a tough critic. I'm always tinkering to make sure my code taps into the full potential of today's tech. Frankly, much of the software I encounter baffles me with its sluggishness. Through a focus on performance and delivering user-centric products, I have successfully expanded the user bases of applications like ELIA (https://www.eliaoffice.com/), BlocSolutions (https://www.bloc.solutions/en) and Kickflip (https://gokickflip.com/ from modest beginnings to significant audiences.

While I possess a comprehensive understanding of various software development methodologies, my approach is not bound by strict adherence to any one practice. My focus is on solving problems and making sure users have the best experience possible. With a strong understanding of web technologies, I've smoothly transitioned between frontend, backend and managing roles.

Beyond work, I'm all about teamwork and having a good time. I love connecting with people, sharing laughs, and getting active with sports whenever I can.

Jobs

**Company**: GPHY

**Date**: [2023-current]

**Role**: Fullstack Developer

**Backend**: Kotlin, Spring Boot, Docker, AWS, graphql, postgres, MongoDB

**Frontend**: React, react-query, React-Native (ios and android apps)

* Responsible for configuring and scaling AWS infrastructure. This involves setting up multiple databases (postgres, DocumentDB), ECS and EC2 instances, connecting hundreds of hardware devices that we installed in our users offices, writing lambdas to handle billions of events per month.
* Brought the API average response time from over 400ms to sub 50ms
* Integrated SSO with Microsoft and Google and added provisioning with Azure
* Scaled from less than 300 users to around 20000 in one year

**Company**: BlocSolutions

**Date**: [2021-2023]

**Role**: Lead Frontend Developer

**Backend**: PHP, Laravel, Docker, AWS, postgres

**Frontend**: Vuejs

* Led a team of 5 developers
* Responsible for sprint planning, task evaluation, code reviews, assisting new developers during their onboarding
* Designed backend infrastructure, APIs, and services
* Created an autonomous dynamic PDF generation service capable of producing thousands of PDFs per day
* Contributed to the development of BlocSolutions, which is used by thousands of tenants and landlords every day to manage leases and rents.

**Company**: CanExplore

**Date**: [2021-2023]

**Role**: Fullstack Developer

**Backend**: Python, Django, Postgres

**Frontend**: React, ElectronJS, IndexedDB

* Launched and maintained an Electron-based application that works offline.
* Implemented software used by inspectors that allows them to record sewer inspections with or without internet connectivity.
* Researched and chose the best solutions for converting incoming binary data from sewer exploration robots into node.js API. Implemented synchronization and conflict resolution/UI logic used to resolve data conflicts from the offline architecture.
* Implemented client-side data migrations using Dexie.js.
* Participated in project planning and estimations. Managed development milestones.

**Company**: KickFlip

**Date**: [2016-2020]

**Role**: Fullstack Developer

**Backend**: NodeJS, MongoDB

**Frontend**: React, Redux

* Developed an online product customizer from scratch, now used by hundreds of businesses to customize their products.
* Designed a content management system that is at the core of KickFlip's success.
* Worked on creating integrations for Shopify and WooCommerce, allowing users to easily integrate KickFlip's product customizer with their existing e-commerce platforms.
* Collaborated with a team of developers and designers to ensure the customizer was intuitive and easy to use, while delivering high-quality results.
* Worked on the platform's pricing models.

Technical skills

* Proficiency in programming languages such as JavaScript, Kotlin, Python, Go, HTML, CSS and SQL
* Knowledge of modern web development frameworks and libraries such as React, React-Native, Vue.js, Solidjs, tailwind, electronjs and others
* Experience with development tools such as Git, Webpack, Vite, Rollupjs, NPM/Yarn, Gradle and Docker
* In-depth knowledge of backend environments such as Node.js, Express, MongoDB, Postgresql, trpc, Laravel, Redis, Graphql and others
* Experience working with scripting languages such as Python and Bash
* Experience with cloud infrastructures (AWS, Gitlab, GCP, Github, Auth0, Azure)

Professional skills

* Ability to lead a team of developers and oversee their work
* In-depth knowledge of web application deployment and architecture
* Ability to communicate clearly and effectively with both technical and non-technical teams
* Passionate about building effective and user-friendly interfaces.
* Well-informed of the latest industry technologies and trends.
* Aware of the cost of software integration and maintenance, and willing to implement my own solutions if necessary.