

Stefane Fivaz

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Summary

Versatile software engineer with a Bachelor of Science in Business Information Technology, demonstrating expertise across the entire software development lifecycle. Proficient in front-end and back-end technologies, with a sharp focus on user experience and a commitment to producing clean, maintainable code.

Experience

Publishing Factory SA | Lausanne, Vaud

Software Engineer | 08/2021 - 12/2022

- Spearheaded a comprehensive overhaul of a project within a three-week timeframe, implementing a robust setup using cutting-edge technologies, including Next.js, TypeScript, ESLint, Prettier, Storybook, and Tailwind CSS.
- Developed a user-friendly page builder for web marketers using GrapesJS, successfully replacing 120 instances of WordPress.
- Executed the migration of the data source for a highly complex and mission-critical project used to create Marketing Campaigns, transitioning from a legacy in-house Back-office to the Salesforce platform.
- Developed an AB Test solution based on AWS Lambda Edge and S3.
- Implemented REST APIs using PHP (Symfony), NodeJs, Swagger, AWS Lambda, MySQL, DynamoDB, Redis, etc.
- Engineered dynamic web applications using NextJs (React), VueJs, JS, TS, CSS, and Storybook, showcasing versatility in frontend development.
- Contributed to the integration of APIs and third-party data sources, such as AWS and Salesforce, enhancing overall system interoperability and data-driven decision-making.

l'Arène de Duel | Genève, Genève

Software Engineer | 09/2020 - 07/2021

Designed and implemented an e-commerce website along with a robust backoffice, with an event management feature, utilizing CI/CD and E2E tests for seamless functionality.

Technologies employed included Laravel (PHP), Vue.js, and MySQL.

AllTheContent | Genève, Genève

Software Engineer | 05/2019 - 07/2019

Enhanced the company's Content Management System (CMS) to optimize SEO performance and introduced a modern theme for an updated visual appeal.

Applied expertise in PHP, HTML, JavaScript, CSS, Google Ads, SEO, and Google AMP.

Mino SA | Plan-les-Ouates, Genève

Software Engineer | 04/2017 - 07/2017

Formulated and implemented a web application to streamline tender management (ITT).

Technologies used: PHP, MySQL, JavaScript, CSS.

Projects

Scrum-Flow (Bachelor Thesis)

Web application designed to enhance Scrum project management within Jira, utilizing technologies such as NextJs, Typescript, Python, and Postgres.

- Seamlessly integrated with Jira Software through Atlassian OAuth, automatically handling data analysis without requiring additional setup or manual data migration.
- Features graphical representations illustrating the evolution of estimation maturity for the Scrum Team, aiding in visualizing team progress over time.
- Provides insightful information on the accuracy of task estimates, proving particularly valuable during Sprint Retrospectives for assessing the efficacy of completed sprints. This facilitates informed decision-making and enhances planning within the Scrum framework.

- Includes a predictive module employing Machine Learning and Data Analysis to forecast the time required for upcoming tasks in a Sprint. This innovative feature contributes to proactive planning and resource management.

Explore the detailed documentation at [Scrum-Flow Bachelor Thesis](https://scrum-flow.sfivaz.com) (in French) and try out the live demo at scrum-flow.sfivaz.com/demo.

Life (Day Planner)

A sophisticated Day Planner web application crafted with Svelte, Typescript, Tailwind, Firebase, and Storybook.

- **Beautifully Designed Calendar:** Featuring an aesthetically pleasing calendar design, providing an intuitive and visually appealing user experience.
- **Technology Proficiency:** Built with Svelte, showcasing my ability to excel in a framework with a growing ecosystem. This project highlights my skill in maximizing language capabilities without relying heavily on third-party libraries.
- **Progressive Web App (PWA):** Ensures an offline-first approach for data access and updates, providing users with uninterrupted functionality even in offline mode.
- **Highly Interactive:** Incorporates a highly interactive interface with features such as resizable and drag-and-dropable events, facilitating a user-friendly and customizable experience.
- **TODO List Integration:** Seamlessly integrates a TODO list for effective task management within the planner.
- **Goal Management:** Allows users to set and track goals, with the flexibility to create events or tasks attached to those goals.
- **Task and Event Flexibility:** Enables users to convert tasks (ToDo List) to events (Calendar) and vice-versa, offering a dynamic and adaptable planning experience.
- **Recurring Events:** Supports the scheduling of recurring events, offering a comprehensive solution for repetitive activities.

This project exemplifies my proficiency in frontend development, user interface design, and seamless integration with cloud services. Leveraging modern frameworks and libraries ensures a polished and responsive user experience.

Explore the live demo at life.sfivaz.com/demo and delve into the codebase on [GitHub](https://github.com).

Skills

Typescript, Javascript, React, VueJs, Angular, Svelte, CSS, Python, PHP, NodeJs, AWS, Firebase, NoSQL, SQL, Docker, GIT, REST, Machine Learning, User Experience Design, Scrum, Code Quality, Testing, CI/CD

Education

Haute Ecole de Gestion de Genève | Genève, Genève
Bachelor of Science in Business Information Technology | 10/2023

Ecole supérieure d'Informatique de gestion de Genève (ESIG) | Genève, Genève
Graduate Business IT Specialist | 07/2019
graduated with honors

Languages

French, English, Portuguese