William Sho Sugihara

Software Engineer

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SUMMARY

As a software engineer I value **ownership**, **collaboration**, **user-centric focus, curiosity,** and **continual growth**. I craft high quality software with an emphasis on **scalable**, **testable**, and **maintainable** code that adheres to **best practices** and **coding standards**. I'm able to juggle and manage concurrent tasks and **set priorities** to quickly deliver **thoughtful and enjoyable solutions**. I'm team oriented, collaborative, accountable, and dependable. I eagerly welcome and implement coaching and feedback.

SKILLS

Frontend	**Backend**	**Tooling**	**Methodologies**
Javascript, React, HTML, CSS, SASS, TailwindCSS, Wordpress, Hubspot	Ruby, Ruby on Rails, Node.js, Express.js, PostgreSQL, MongoDB, Nginx, SQL, AJAX	Docker, Git, GitHub, REST API, HTTP, WebSockets, Bash, Jest, JSON, AWS, React Testing Library	Agile, Pair Programming, TDD, Computational Thinking

EXPERIENCE

Software Engineer - Freelance, *FFI Systems*   01/2024 – 05/2024 / Remote
- Enhanced user experience with intuitive interface design and responsive web applications.
- Integrated new technologies into existing systems, increasing capabilities and improving overall performance.
- Consistently met project deadlines by effectively managing time and prioritizing tasks according to importance.

Software Engineer, Open Source, *Mozilla, Firefox*   01/2024 / Remote
- Contributed to open-source Firefox project, while gaining valuable insights from other experienced professionals.
- Updated old code bases using **Javascript** to modern development standards, improving functionality.

Software Engineer, co-creator, *Tinker* 🔗   07/2023 – 08/2023 / Remote
https://tinker-base.github.io/
In less than 2 month from 0 to 1, I co-created an open-source backend-as-a-service (**BaaS**) self-hosting tool that automates deployment and configuration on Amazon Web Services (**AWS)**, with a companion **PostgreSQL** database management user interface (**UI**).
- Created a user-friendly dashboard **UI** using **React** and **TailwindCSS** to visualize, define, and manipulate **PostgreSQL** databases in the browser, eliminating the need for manual **SQL** composition.
- Developed a command-line interface (**CLI**) utilizing **AWS CloudFormation** and software development kit (**SDK)** to automate the deployment and dismantling of 26 **AWS** components for backends, significantly streamlining deployment configuration steps from approximately 180 to just 9.
- Secured database authentication with Javascript web tokens (**JWTs)** and **PostgreSQL** roles.
- Automated the provisioning of **NGINX**, **PostgreSQL**, and an **RESTful API** layer for individual user backends on **AWS EC2** instances using **Docker** containers and Docker compose.
- Worked asynchronously with a fully-remote distributed team.

- Crafted a comprehensive technical case study ✎ and presentation.

Chef, *Compass Group USA*   02/2018 – 08/2021
- Streamlined kitchen operations for increased efficiency through effective   Redmond, WA
  staff management and delegation.
- Mentored junior chefs in culinary techniques, fostering a collaborative and
  learning-focused work environment.

EDUCATION

Software Engineering, *Launch School* ✎   2023
- Launch School is a mastery based program covering the fundamentals of   Scottsdale, AZ
  programming (Ruby, JavaScript, SQL, Node), computational thinking,
  networking, data structures and algorithms.
- Completed the core curriculum as well as the capstone research thesis. For
  the capstone thesis project I created the user interface and API integration
  for Tinker.
- Authored white paper and presentation for Tinker - https://tinker-
  base.github.io/

Culinary Arts, *Seattle Culinary Academy*   2013
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LANGUAGES

Japanese   ● ● ● ● ●