Max Tan *Software Engineer*

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Summary

Detail-oriented software engineer with a strong background in the Ruby ecosystem. Deployed a FAQ webapp for an academic library. Passionate about learning new tools and languages to solve real-world problems. Practiced law for over 5 years as a litigator.

Technical Experience

2021 – Present **Columbia Law Library FAQ**, *https://guides.law.columbia.edu/services/FAQ*

- Developed and deployed a web app for finding frequently asked questions. Built with Sinatra and retrieves the latest set of FAQs from a Google Sheet document via its API. Collaborated with the Arthur W. Diamond Law Library of Columbia Law School on a pro bono basis.

Stock Portfolio Tracker, *https://stock-portfolio.fly.dev/*

- Built a dashboard for managing and monitoring transacted stocks and funds with Rails and PostgreSQL. Streams market prices in real-time with a RESTful API. Authored a technical case study on design decisions and challenges.

Software Engineer, *Self-Employed*

- Developed applications using Ruby, PostgreSQL, HTML/CSS, and more.
  - *Adopt-A-Pet*: A database-backed app for displaying and maintaining a paginated list of adopted pets and their humans.
  - *File Manager*: A content management system with user authentication.

Non-Technical Experience

2019 – 2023 **Deputy Public Prosecutor / State Counsel**, *Attorney-General's Chambers*

- Argued criminal trials and appellate hearings in all levels of the Singapore courts. Exercised prosecutorial discretion by making charging decisions. Oversaw and reviewed police investigations.

2018 – 2019 **Legal Associate**, *Hoh Law Corporation*

- Represented commercial clients in civil disputes, negotiated settlements in personal and industrial accidents, facilitated divorce mediations.

Education & Certifications

2022 – 2023	**Software Engineering**, *Launch School*	
2018	**Singapore Bar**, *Advocate and Solicitor of the Supreme Court of Singapore*	
2013 – 2017	**Bachelor of Laws (LL.B.)**, *National University of Singapore*	

Languages & Technologies

Technologies	Ruby, PostgreSQL, RESTful APIs, HTML/CSS, JavaScript, Git/GitHub, Linux
Languages	Native / bilingual proficiency in English and Chinese (Mandarin)