

Tamer Wahba

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Work Experience

Staff Software Engineer | SmartPass / Raptor Technologies | January 2024 – Present

- Architected, designed, and led a team to build a school bell schedule ingestion system
- Partnered with design & product counterparts, led team implementing self-serve schedule editing feature
- Reduced compute cost, and improved stability by implementing autoscaling for core product services
- Addressed critical database scaling issues, improved system reliability by optimizing database access patterns

Staff Software Engineer | Splash Financial | January 2022 – January 2024

- Architected a new dynamic loan origination system that significantly streamlined the underwriting process
- Helped design and roll out new workflow management system library for use by any engineering team
- Guided the team to make architectural decisions that improve system extensibility and reliability
- Helped shape team culture and evangelized streamlining developer tooling

Senior Software Engineer | Fabric | November 2020 – January 2022

- Updated payment processing service to notify users of successful and failed charges
- Introduced functional programming paradigms to the team and codebase, gave talks on FP fundamentals
- Rebuilt user dashboard to include policy payment status information
- Added documentation and new features to out of date reporting system

Software Engineer | Vowel | October 2019 – November 2020

- Architected and built meeting reprocessing pipeline for rerunning processing on historical meetings
- Architected and built new microservice for handling external platform integrations starting with Slack
- Investigated diarization strategies and implemented improvements to the existing diarization logic
- Modernized frontend platform by adding toolchain for building with typescript and test framework

Software Engineer | Even Financial | October 2017 – October 2019

- Built OpenAPI-powered client (SDK) and documentation release pipeline using GitHub Actions
- Designed next version of Scala services, allowing for ‘infinitely’ backwards compatible REST APIs
- Optimized main Scala HTTP endpoint code path, achieved three-fold speed up in response times
- Designed, implemented, and worked with team members to incorporate new public API features
- Built version 2.0 of UI framework, with a continuous release pipeline using Travis-CI

Full Stack Web Developer Co-op | GeekHive | June 2015 – December 2015

- Built website backends in C# using ASP.NET, and Sitecore CMS frameworks
- Built responsive front-end sites in HTML5, CSS, and JavaScript
- Conducted code reviews on team’s code to ensure reliability

Education

B.S. Computer Science | SUNY Binghamton | August 2013 – May 2017

Notable courses: Advanced Object-Oriented Programming (C++), Computer Networks, Programming Languages, Algorithm Analysis, Intro to Machine Learning

Skills

Programming Languages: Go, Clojure, Scala, Java, JavaScript/TypeScript, Kotlin, Python, Elixir, Swift, C#
Tools/Frameworks: Play, SBT, Node.js, React, Redux, Spring, ASP.NET, Django
Strong understanding of functional programming paradigms