

Saif Sajid

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📁 github.com/saif

Skills

Languages Python, Javascript, HTML/CSS, C#, SQL, Bash
Frameworks Node.js, Flask, React, ASP.NET MVC
Design Sketch, Photoshop, Prototyping, User Story Mapping

Experience

May 2017 – **Software Engineering Intern, Peloton Technologies, Victoria, BC.**

- Aug 2017
 - Designed an EFT processing system which handled up to \$1,000,000 in transfers a day
 - Implemented a payment approval and auditing workflow which led to increased security, and a reduction in anomalous payments
 - Created an automated bank transmission file parser, eliminating a lengthy, manual procedure to process payment refunds
 - Led the redesign of the company website with modern branding, and an engaging user experience

Jan 2017 – **Software Engineering Intern, T4G, Vancouver, BC.**

- May 2017
 - Integrated a License Plate Recognition camera into Impark's parking lot management system. Led the design of a field testing prototype and ran a successful demo for the CIO
 - Built a remote software update service and realtime status dashboard for an IoT platform which controlled and managed parking lot gates and remote entry systems
 - Conducted performance testing on IoT platform using Azure App Insights, and Apache JMeter which uncovered database related bottlenecks in the application stack
 - Optimized database queries, and improved Redis cache performance, resulting in a two-fold increase in throughput at peak load

May 2016 – **Software Engineering Intern, Peloton Technologies, Victoria, BC.**

- Dec 2016
 - Designed and implemented an automated PDF generation and delivery framework, which delivered monthly reports to several hundred clients
 - Created an MVC-based, document creation tool used by several internal projects to generate Receipts, Invoices, and Accounting PDFs
 - Used React, Kendo UI, and Foundation CSS to build and maintain client-facing web dashboards to manage credit card payments and electronic funds transfers

Projects

DashFeed, *Javascript, Node.js, React, jQuery, SQLite, RSS.*

Developed an RSS feed reader that aggregates the latest posts from popular tech news sites
<http://github.com/saif/dashfeed>

QuickNote, *Javascript, Node.js, React, jQuery, SQLite.*

Built a paste-bin publishing service with markdown formatting, code highlighting, password protection, and custom URLs
<http://github.com/saif/quicknote>

Sentrino, *Python, Flask, Javascript, Raspberry Pi, Arduino, OpenCV.*

Worked in a team to design and build a smart home security camera that could track and detect intruders. Implemented SMS alerts and live web-feed
<http://github.com/saif/sentrino>

Education

May, 2019 **BASc in Computer Engineering, UBC, Vancouver, BC.**