Steve Bass
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Experience

RevolutionEHR: *Full Stack Software Developer*　　　　　Sep. 2019 - April 2020
(Remote)
- ❏ Assisted in porting the primary product, a SaaS web application for Optometry/ Ophthalmology practice management and electronic medical records (*EMR*), from Flex/Flash to **Angular 7**.
- ❏ Developed screens in Angular 7 for the application's *EMR* module. Subsequently, delivered the back-end services required by these screens in **Spring Boot** (**Java 8**).
- ❏ Learned the importance of thinking of state management solutions <u>early</u> while dealing with UX. Leveraged **NgRx** to preserve stateful behavior that was present in the legacy application.

BNY Mellon: *Full Stack Software Developer*　　　　　　　May 2018 - Sep. 2019
(Pittsburgh, PA)
- ❏ Authored **Java 8** microservices responsible for reporting metadata behind financial transaction vouchers for the <u>Global Cash & Custody Services</u> department (*GCCS*). The solutions were soup-to-nuts: from publishing the repos, to configuring automated Jenkins builds, to finally deploying Docker instances on an internal cloud PaaS.
- ❏ Shipped a generic web services testing engine for the consumption of adjacent teams within *GCCS*.
- ❏ Supported an architect within the <u>Corporate Treasury</u> (*CT*) department on their new internal application written in Angular 6. The app was a web-based query tool used for consuming the bank's Asset & Liability information. My contributions involved providing new experiences to operations personnel to empower the tool to become a BI solution.
- ❏ Whipped up a simple **Angular 7** application to aggregate existing report data into **Highchart** and **ag-Grid** widgets. It served as a dashboard for Executive Leadership to use for summary views of the bank's Asset/Liability data during an audit by the Federal Reserve.
- ❏ Redesigned four core *CT* Asset/Liability management platforms into a single web UI using *Invision Studio*. Conducted surveys amongst five key user groups (executives, operations, liquidity reporters, finance reporters, and technical administrators) to best establish role-based user experiences.

Paychex (via Solü Technology Partners): *Software Engineer*　　　July 2016 - May 2018
(Rochester, NY)
- ❏ Helped create and maintain a new internal **Angular 4** application with a Spring Boot back-end (**Java 8**) used by operations personnel. Its purpose was to assist in migrating core client payroll data from a file-based MS-stack system to an Oracle instance whose legacy application layer was written in Java 1.6. The new application allowed users to validate and correct this data in various steps in the migration process.
- ❏ Learned the importance of workflow methodologies, including Scrum/Agile. Regularly participated in story elaboration, sprint planning and backlog grooming sessions.
- ❏ Created a few small script applications in Java 8 and **Python 2.7** to clean data and circumvent certain infrastructure limitations.

Technologies

	Languages	Frameworks	Tools
Proficient	Java, Typescript, JavaScript, SQL	Spring Boot, Angular	Git, shells, Jenkins, Maven/Gradle, npm/yarn
Comfortable	Python, Ruby, Go, Perl	React, Next.js, NativeScript, Flutter	AWS, Zeit

Projects

Roost   March 2020
(https://roost.now.sh)

      During the earliest days of the United States' experience of the COVID-19 pandemic, I helped conceive and contribute to an application my friend wanted to make in order to help his favorite coffee shops in Hillcrest, SD, survive.

      Roost is what we whipped up, and it's a **React**/**Next.js** application that acts as a small portal for San Diegans to view and support their favorite small businesses. My personal next steps are to establish an internal API for being able to switch the targeted city based on user input, and begin leveraging a third party API (*Yelp/Google Places*) for aggregating small business information based on device location. Beyond that, I will be introducing localization to the app, in hopes of being able to toggle between English and Spanish with a single click/tap.

Education

B.S.: Computer Science   Spring 2016
(University at Buffalo)