

# SWARN SINGH

FULL STACK ENGINEER - J.P. MORGAN CHASE

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## EDUCATION

Univeristy of Texas at Dallas  
B.S. Computer Science 2023

## SKILLS

**SOFTWARE SKILLS:** C++, JavaScript, React, Firebase, AWS, Heroku, React Native, APIs, Azure, HTML, CSS, MongoDB, Okta, PCF, Angular, NodeJS, MySQL and SQLite, OIDC/SAML Authentication, R Programming, Python, Classification and Regression Models  
**SOFT SKILLS:** Communication, Organization, Goal Based Deliveries

## EMPLOYMENT

### J.P. MORGAN CHASE

Full Stack Engineer - Commercial Banking

Full Stack Engineer working on a product for Treasury Management and Wealth Management.

Current Stack - ReactJS, Java Springboot, OracleDB w/ SQL. Experience with BitBucket, CI/CD Pipelines and Oracle/AWS Cloud

Plano, Tx

Oct. 2021 to Current

### T-MOBILE

Intern/Software Engineer

Developed multiple products and internal tools for the Identity Access Management Department.

Working as a full-stack developer using technologies stacks such as Okta, Azure, P.C.F. and A.W.S.

Projects ranged from internal tools to facilitate process (automation scripts, UI-based dashboard) to external applications for vendor management and cybersecurity portals

Dallas

Oct. 2019 to Oct. 2021

Primary languages used: NodeJS, React, Angular, Java

## PROJECTS

### DEBUFF - PERSONAL

Debuff is a esports data platform giving insights on their performance and providing an end-to-end competitive experience.

Automated tournaments, media extensions (Twitch, Discord), and game specific tools. Built in ReactJS, React Native, AWS, Postgres, and CircleC

Apr. 2022 to Current

### SSO LAUNCHPAD - T-MOBILE

An internal T-Mobile application to reduce the time it takes to onboard an application through a clean-ui that puts control into the app owners hands.

Utilizing Okta and the OIDC/SAML, I was able to create a platform that reduces the time spent on application onboarding from 3 weeks to 2 minutes per application. Since its first production deployment, our application onboarding rate is up by 400% and has saved our department well over \$500,000

Oct. 2019 to Oct. 2021

Built in React, NodeJS Express, Okta

### JAVELIN/DEBUFF - CEO

Javelin intelligently uses game data to create unique experiences for gamers.

It runs completely automatic, no proof required esports tournaments.

Ran the business for 2 years, hired 4 employees and grew the platform to 5000 users in 2 months with no funding.

Working on a deal with a major gaming company for the rebrand to Debuff.GG which will launch later this year

Jan. 2019 to Current

### BET - VISUAL INVITE SYSTEM

**BET** is an invite system built in React, MongoDB, and Treant.js that **can visualize the people coming to a party**. Once you are invited through BET, enter your invite code and gain the ability to invite two other people. Everyone whose been invited is then visualized in a tree structure using Treant. Using this information and the tree, BET derives interesting formulas like **Familiarity** between people, at the party and a variable of **Controlled Randomness** which when manipulated, can alter the overall feel of your event or party. This is used across campus to host small parties. Case study in the works.

### MARCOPOLO - FOUNDER, PRIMARY DEVELOPER, AND CEO

**marcopolo** is an **event discovery platform made designed for college students**. If you're hosting an event then create an account on **marcopolo's Pool Portal** (web built in React and Firebase) to add and manage events, manage your organization, and send out alerts. Using the **iOS or Android app** built in React Native and Firebase, **populate your feed** with events by following organizations, frats, and people. marcopolo automatically looks through the event and picks out featured events.

Used at both **University of Texas at Dallas** and the **University of Texas at Austin**

Mar. 2018 to Jan. 2019

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## AWARDS

T-Mobile · INTERN OF THE SUMMER May 2020  
Given for the intern that has made the most impact to their department

Southwest Airlines · Jan.  
SOUTHWEST CHALLENGE WINNER TAMUHACK 2019

Best application to reduce their "10-minute Turn time" by deplaning passenger in order of priority.

Microsoft · AZURE CHAMP AWARD Oct. 2018  
**Best use of Microsoft Azure Services in the creation of our project**

American Airlines · Apr.  
AMERICAN AIRLINES HACKWARS V WINNER 2018  
**1st place at American Airlines's Internal Hackathon**

Cisco · CISCO BEST API AWARD Feb. 2018  
**Best use of Cisco's Spark API for hang|time at HackUTD 2018**

American Airlines · Oct.  
AMERICAN AIRLINES TITLE SPONSOR AWARD 2017  
**Best innovative use of American Airlines API at TamuHACK 2018**

Invite to American Airlines's HackWars (Internal company hackathon)

Microsoft · Oct.  
MICROSOFT TITLE SPONSOR AWARD 2017  
**Best use of Microsoft Technologies at HackTX 2017**

