

# JAKE MITCHELL

Frontend Architect  
and Developer

## PERSONAL SUMMARY

Hello, there, thanks for considering my application. I think of code as a craft and I try to constantly improve my skills through designing and implementing systems that scale to many users as well as to many developers. More personally, I am a big fan of comedies, conversations about metaphysics, and exploring urban areas.

## RELEVANT SKILLS

- Javascript	- 6 years	- Advanced
- React	- 3 years	- Advanced
- Node.js	- 5 years	- Advanced
- CSS/Sass	- 6 years	- Advanced
- Git	- 6 years	- Advanced
- AWS Suite	- 2 years	- Proficient
- Redux	- 2 years	- Proficient
- GraphQL	- 1 year	- Proficient
- Data Architecture	- 4 years	- Proficient
- Python	- 2 years	- Proficient
- Vue.js	- 2 years	- Skilled
- TypeScript	- < 1 year	- Skilled
- SQL	- 2 years	- Skilled

## ACKNOWLEDGEMENTS

- 2018 - Selected as a ProMazo Fellow
- 2017 - Promoted to Head of VR Equipment at Rettner Hall
- 2016 - Received Alan & Jane Handler Scholarship, a full-ride Merit Scholarship to the University of Rochester
- 2016 - Spoke at an official TEDx conference

## REACH OUT TO ME

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## CAREER BACKGROUND

### Software Architect and Frontend Developer

ProMazo, Inc.

July 2019-Present

- Contributed over 145k additions and 94k deletions (lines of code)
- Designed GraphQL database schema of 10+ models and 80+ connections, then implemented on AWS AppSync & AWS DynamoDB
- Designed scalable frontend architecture to handle frequent and complex data manipulation using Redux and React
- Implemented Aspect-Oriented design on a massive codebase to protect development velocity from significant developer churn
- Implemented living-documentation and quality assurance tools including Jest, Storybook, and Docsify
- Built a command-line tool to automate boilerplate generation to increase developer efficiency by ~40% when building new features

### Backend Engineer and Data Architect

The Bank of New York Mellon Corp. **Sept. 2018-Dec. 2019**

- Designed SQL Database with 8 tables and implemented on AWS RDS
- Created a REST API using AWS API Gateway and connected to RDS
- Used AWS Cognito to implement an authentication system that conforms to the multi-billion-dollar bank's security standards
- Built a Big-Data processing system using AWS Lambda, Kinesis, CloudWatch, and Step Functions to process financial data with mission-critical accuracy

### Software Architect Intern

Looker Data Sciences, Inc.

June 2019-Aug. 2019

- Used TypeScript to build a developer tool that calculates differences in WebPack build files to track frontend file size changes
- Integrated the developer tool into the existing CI/CD stack by working with Github, Jenkins, and AWS S3
- Developed dozens of Integration Tests using Puppeteer and an in-house tool called Cucu

### Software Engineer Intern

Looker Data Sciences, Inc.

June 2018-Aug. 2018

- Designed and built a Chrome Extension to authenticate security hashes and compute versioning hashes of tutorial documents, saving content developers hours of time per day
- Implemented a Node.js server and worked with the Github API to securely integrate the Chrome Extension with the existing Looker workflows

### Full Stack Developer

University of Rochester IT

March 2017-Jan. 2018

- Used Python with Django on the backend and JavaScript with jQuery on the frontend to develop features and resolve issues for LASSO, the in-house Logistics Manager for the UofR IT department