Michael Paglione

Full Stack Software Engineer

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TECHNICAL SKILLS

Programming Languages: *Javascript (ES6), Typescript, Python, SQL, HTML5, CSS3*
Frameworks: *React, Next.js, Node.js, Express.js, Flask, Ionic*
Other Technologies: *AmazonS3, Heroku, Vercel, SQLAlchemy, PostgreSQL, Bootstrap5, JQuery, Git*
Testing Libraries: *Jest, Jasmine, React Testing Library, Unittest*

PROJECTS

NumbersAPI - Mobile Application   [Video Demo](#) | [Github](#)

Typescript | Javascript | React | Ionic | Git

- ✦ Constructed global error handling solution, improving UX by protecting against unnecessary HTTP requests.
- ✦ Incorporated successful Types and Interfaces reducing all potential compilation issues with ESLint strict rules.
- ✦ Composed component based architecture, following best practices of code reusability and separation of concerns.

Friender - Tinder Clone   [Github Backend](#) | [Github Frontend](#)

Javascript | React | Python | Flask | SQLAlchemy | PostgreSQL | Bootstrap | AmazonS3 | Unittest | React Testing Library

- ✦ Developed an algorithm to calculate the geographical distance between two zip codes.
- ✦ Established a server connection to an AmazonS3 bucket for users to upload and display photos to their profile.
- ✦ Followed a mobile-first mentality by implementing UI design with Bootstrap and custom CSS.

Jobly - Job Seeking App   [Project Demo](#) | [Github Backend](#) | [Github Frontend](#)

Javascript | React | Node | Express | SQL | PostgreSQL | Bootstrap | Jest | React Testing Library | Heroku | Git

- ✦ Encapsulated SQL query logic using principles of Object Orientation, code modularity and readability.
- ✦ Charted an intentful approach to codebase features by driving TDD, resulting in less technical debt.
- ✦ Secured sensitive user data through implementation of JSON web tokens and React hooks.

WORK EXPERIENCE

Software Engineer Intern   San Francisco, CA

Rithm School - NumbersAPI   *May 2022 - June 2022*

- ✦ Used Git/Github workflow and Agile principles to migrate legacy codebase from ExpressJS to Python and Flask.
- ✦ Maintained a clean codebase through pull requests, regular code reviews and careful management of merge conflicts.
- ✦ Engineered a data modeling and manipulation solution while standardizing patterns across the codebase.
- ✦ Collaborated with a team of 8 engineers through daily standups, active communication, prioritization and planning.

Freelance Musician   Greater New England Area

Self-employed   *Jan 2010 - Current*

Sales Specialist   Manchester, CT

Manchester Mazda   *May 2021 - January 2022*

- ✦ Achieved above 95% customer satisfaction rating on vehicle sales as measured by customer surveys. [Link to Review](#)
- ✦ Accelerated dealership sales by addressing the needs of the customer and consistently exceeding their expectations through active communication, timely follow-up, and extensive product knowledge.

Sales Floor Supervisor, Front End Operations
Lowe's Companies Inc.

New Haven, CT
Dec 2020 - May 2021

- ✦ Leveraged team to achieve Likelihood to Recommend survey scores above 90%
- ✦ Exceeded weekly credit card application targets and goals, increasing company ROI and store average ticket.
- ✦ Reduced department shrink by effectively implementing inventory management and control procedures with the team.

Sales Floor Supervisor, Appliances, Cabinets, Millwork
Lowe's Companies Inc.

New Haven, CT
Sep 2020 - Dec 2020

Sales Specialist, Flooring
Lowe's Companies Inc.

New Haven, CT
Sep 2020 - Dec 2020

Musician
The World Famous Glenn Miller Orchestra

Lake Mary, FL (US, CA, JPN Tour)
Feb 2019 - Dec 2019

Assistant Project Manager
Capital Carpet and Flooring Specialists, Inc.

Wilmington, MA
May 2018 - Dec 2020

- ✦ Leveraged Microsoft Excel to increase productivity by eliminating repetitive tasks.
- ✦ Crafted worksheets and templates, reducing labor on computational tasks by over 50%.
- ✦ Cultivated and maintained strong relationships with distributors and general contractors through active communication and prompt follow-up.

Store Manager
Starbucks Coffee Company

Madison, CT
Nov 2017 - May 2018

Store Manager
Starbucks Coffee Company

Old Saybrook, CT
Jul 2013 - Nov 2017

- ✦ Cultivated a warm, friendly, and productive environment for employees. Recognized as one of the top 10 performing stores for employee retention out of over 100 stores in the region by achieving less than 8% hourly turnover in 2017.
- ✦ Achieved over 10% sales comprehension year over year while maintaining over 50% controllable contribution as measured by monthly P&L statements.
- ✦ Maintained below company average food waste of 8%, by leveraging the shift supervisor team with the use of company tools, policies, and procedures.

Shift Supervisor
Starbucks Coffee Company

Storrs, CT
Jun 2012 - Jul 2013

Barista
Starbucks Coffee Company

Storrs, CT
Aug 2011 - Jun 2012

EDUCATION

Rithm School
Full Stack Web Development

San Francisco, CA
Graduation: June 2022

University of Connecticut
BA of Arts in Music

Storrs, CT
Graduation: May 2011

SKILLS AND INTERESTS

Skills: *Problem Solving, Team Building, Leadership, Communication, Time Management, Attention to Detail*

Interests: *Music Performance, Theater, Cooking, Home Improvement*