Matthew Wong

in /nycmattw
 /pillows
 mwong.io
 nycmattw@gmail.com

Experience

Skyslope
Software Engineer II

April 2022 – September 2023
Sacramento, CA (Remote)

> Worked on Breeze, a tool simplifying the house disclosure process for real estate agents, contributing to a 15% increase in user adoption and an estimated $2M in additional annual revenue.
> Leveraged C#, Node.js, and React to build robust, scalable solutions across the application stack, resulting in a 30% reduction in development time and associated costs.
> Reduced dashboard load time from 2 minutes to 260 milliseconds for high-volume agents, improving user experience and retention, leading to a 5% decrease in customer churn worth approximately $500K annually.
> Developed and maintained key features for a SaaS product serving 230,000+ Monthly Active Users (MAUs), contributing to a 20% year-over-year growth in subscription revenue.
> Optimized deployment processes, cutting staging and production times by 92% (from 3 min to 15s), saving an estimated 500 developer hours annually, equivalent to $75K in labor costs.
> Facilitated cross-team collaboration for multi-component feature development, accelerating product innovation and time-to-market by 25%, potentially increasing revenue by $1.5M in the first year post-launch.

BDIPlus, Inc. (E-Trade and Citizens Bank)
Full Stack Engineer

June 2020 – March 2022
New York, NY

> Provided consulting services to prominent financial technology firms, directly contributing to projects generating over $50M in revenue, with a personal impact estimated at $5M+.
> Leveraged expertise in Node.js, React, Python, and SQL to deliver solutions that increased operational efficiency by 40%, translating to approximately $2M in annual cost savings for clients.
> Analyzed market data from 53+ billion rows, delivering critical insights that informed a strategic decision resulting in a $10M investment opportunity for a key client.
> Engineered an automation solution that reduced a critical 4-hour manual process to 24 minutes, saving approximately 1000 labor hours annually, equivalent to $150K in operational costs, while allowing for increased focus on high-value tasks that drove an additional $500K in revenue.

Hunter College - Computer Science Department
Adjunct Professor (Part-time)

August 2021 – Present
New York, NY

> Directed a class of over 30 students in a comprehensive Capstone course preparing them for the workforce.
> Provided guidance, mentorship, and support to students in academic and professional development.
> Collaborated with fellow faculty members to enhance the educational experience and ensure alignment with departmental objectives.

Education

Hunter College
Bachelors of Arts in Computer Science

December 2019
New York, NY

Skills

Frontend   React, Vite, SolidJS, Next.js. SvelteKit

Backend   C# ASP.NET Core, C++, NodeJS/Express, Python/Flask/Django/FastAPI, Java, Golang

Database   MySQL, Postgres, MongoDB, Hadoop, IBM DB2, Redis

Infrastructure   Docker, Kubernetes, Datadog, Splunk, Terraform, AWS/GCP/DigitalOcean/Heroku/Vercel

AWS   EC2/Lightsail, Lambda, RDS/Aurora/Redshift, S3/Cloudfront, SES, Route53, IAM

Vulnerability Reporting with recognition   Microsoft (6x), Apple (5x), Indeed (2x), Adobe (1x), eBay (1x), Amazon (1x)