

Nicholas L. Maheshwari

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Education:

University of Chicago, Chicago IL

Master's in Computer Science

Jan 2021-March 2022

Barrett, the Honors College at Arizona State University, Tempe AZ

Bachelor's in Computer Science, Minor in Business

August 2016- May 2020

Technical Skills:

Software Development & Engineering: Python, Golang, TypeScript/JavaScript, Java, C#, C++, C, SQL, React, HTML, CSS, Tailwind, REST, gRPC (protobufs), Postgres

DevOps & Cloud Infrastructure: AWS, Azure, OpenStack, Docker, Kubernetes, Terraform, Git (as well as Github Actions & GHAS), Jenkins, Ansible, ArgoCD, Postman, Okta, OAuth, Netskope (ZTNA)

Employment History:

Viasat, Cloud/Software Engineer: June 2022-Present

- Lead developer of an internal, self-service DNS & IPAM CLI management tool written in Golang, utilizing gRPC w/ protobufs to generate client libraries in various other languages. This tool became widely used across the company and granted a 85% drop in network ops load as we designed dozens of programs that utilized this tool to automate the most common network requests and operations.
- Lead developer of a Typescript w/ React & Vite web application that acts as the GUI for the aforementioned DNS & IPAM management tool.
- Lead developer for several GHA and Terraform based integrations for ServiceNow that allowed for automated onboarding and configuration to various SaaS applications such as Netskope and Rancher.
- Developed and contributed to dozens of Python, Golang, Terraform & Ansible programs to automate AWS, Azure, & Openstack VM and on-prem server operations.

Asher Chaim, Full Stack Software Engineer: May 2017-June 2022

- Designed web-scraping Python programs to collect company research data.
- Created and managed an SQL database to store collected data for research and analysis.
- Designed and built company websites using Javascript, CSS and HTML. Deployed site using AWS and Netlify.
- Helped strategize and execute realtor recruitment initiatives, managed the onboarding of new realtors to the company tech suite.

Helios MI, Quantitative Developer : May 2018 - August 2021

- Used Java and C# to design algorithmic stock/option trading strategies, connecting to Interactive Brokers API.
 - Collaborated in the development of several trading strategies, building a strong foundation in understanding of stocks, options, and the inner workings of financial markets.
 - Acquired deeper knowledge of Java and its ecosystem including Spring Boot, Maven, JUnit, Hibernate, etc.
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To see projects I've done, and to learn more about me, please visit my personal website:

www.nicholasmaheshwari.com