

# ANOOP MACHARLA

DevOps Engineer ♦ Information Technology ♦ Entrepreneur ♦ Corporate Finance

I am a self-motivated, take charge type of engineer who is curious about implementing new technologies in order to increase efficiency and reduce redundancy. My main goal is to help build innovative applications and to be part of a company that shares my enthusiasm for creativity and success!

## A P T I T U D E

Programming Language	C, Python, Bash, MySQL, HTML, CSS, Client-side JavaScript, jQuery, Ajax
Libraries and Framework	Unittesting, Flask, ReactJS, Restful API, SQLAlchemy, GDB, WordPress, WooCommerce, Beautiful Soup
Engineering Tools	Kubernetes, Docker, AWS, Git, Vim, Nginx, HAProxy, UFW, Puppet, Fabric
IT Support Tools	Linux, Windows, Mac, Active Directory, Exchange, Clonezilla, Jujucharms
Corporate Finance	Portfolio Management, Investment Analysis, Accounting, Modeling & Forecasting in Excel

## E X P E R I E N C E

### DevOps Engineer & CoFounder

Sparkist Technology & Bougie Labs

Boston, Massachusetts

June. 2016 - Present

- Built using Ubuntu OS / Docker-based deployment architecture.
- Designed, built and managed custom from-scratch microservice that are self-configured, autoscaled, and redundant.
- Managed traffic and scaling via sms and custom built helper bot.
- Worked with Docker Swarm and Kubernetes for cluster management.
- Built all our application on the Cloud (AWS, GCP)
- Implemented Juju, Puppet and Fabric for software configuration management.
- Scripted using Python3 and Bash.

### Full Stack Engineering

Holberton School

San Francisco, California

May. 2017 - March. 2018

- Built a web infrastructure like the ones powering Facebook, LinkedIn, Twitter
- Learned to work at scale, which enabled me to seamlessly manage one or hundreds of servers with ease
- Created an Airbnb clone: where iV built a console to manage objects, designed front-end UI and served content via 1 load balancer, 2 web servers, and 2 databases. LAMP stack
- Created a highly scalable/load balanced applications via Docker containers and Docker swarm
- Stored objects in a primary and replica database and exposed them via an API
- Hacked a website security by scripting requests
- Configured Microservices infrastructure via Docker Swarm on AWS.

### IT Help Desk Specialist . . .

Shawmut Design & Construction, Kaspersky Labs, TechWorks Consulting, Boston Food Pantry.

Massachusetts & New York

2013 - 2016

- Configured/Managed workstations and mobile devices for employees.
- Managed Microsoft exchange server, Active Directory and VPN configuration.
- Troubleshoot/Debugged networking, software, and hardware problems via local and remote means
- Audio Visual configuration for company events, conferences, and ecosystem.

## S H O W C A S E

[http://bit.ly](http://bit.ly/aa-ARIA)

/aa-ARIA

/AirBnb\_Clone\_v3

/Docker\_repos

/Url\_Shortener

/Simple\_Shell

/Medium\_Blogs

ex. [http://bit.ly/AirBnb\\_Clone](http://bit.ly/AirBnb_Clone)

2017 - 2019

San Francisco, CA

2012 - 2016

Stony Brook, NY

## E D U C A T I O N

### Certificate in Full Stack Engineering

Holberton School

2-year coding school.

### B.S. in Business Management

specializing in Finance

Stony Brook University

## C O N T A C T M E



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