






Pururva Cloud & Software Engineer

Lakkad

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 H1B Approved

Recent Experience

Stark & Wayne + Qarik / Cloud Engineer

October 2021 – January 2023, Remote

Deployed and maintained large scale application platforms as well as developed tools and infrastructure to automate [Cloud Foundry](#) and [Bosh](#). Contributed to and released several large-scale open-source projects across multiple Github organizations including [Stark & Wayne](#), [Cloud Foundry Community](#), [Genesis Community](#), and [Blacksmith Community](#).

As a SME on the open-source backup and restoration project, [SHIELD](#), developed new features like job-retry and oAuth2 integrations while handling analysis, design, implementation, testing, release and maintenance.

Contributed to and maintained several deployment kits and bosh-releases including the [cf-kit](#), [bosh-kit](#), [shield-kit](#) and the pipelines with [Concourse](#). Helped build and test [operation-scripts](#) supplementing the Open(source) Cloud Foundry Platform reference architecture which simplified deploying and reduced the env manifests by significantly. Volunteered as a mentor for [UBHacking](#), SW Internship program, and as a Judge for UB CSE [Demo Days](#).

SitusAMC / Software Developer Analyst

August 2020 - September 2021, Buffalo, New York

Designed, developed, documented, tested, and debugged new and existing software systems, applications and/or components for market sale or proprietary software for internal use. Used various programming languages and frameworks including **.NET, C#, JavaScript, T-SQL, AWS, Azure, etc.** Participated in full development life cycle including requirements analysis, design and deployments.

Stark & Wayne / DevOps Engineer Intern

May 2019 – August 2019, Buffalo, New York

Contributed to SHIELD with a [plugin](#) for **etcd** database. Designed a data serialization format in **golang** for storing key values of **etcd** archives which allowed the storage of deployment information. Added support for **etcd** in [SHIELD Phalanx](#) - a **BOSH** release for testing SHIELD's full-stack functionality

University at Buffalo / Undergraduate Teaching Assistant

January 2017 - May 2020, Buffalo, New York

Designed homeworks/projects, performed grading, and instructed students both in group settings and 1-on-1 in Operating Systems, Systems programing, Intro to the Internet, Intro to CS I, and Intro to CS II

Education

SUNY University at Buffalo / Bachelor's of Science in Computer Science

August 2016 - May 2020, Buffalo, New York

Coursework: Algorithms, Data Structures, Operating System, Infrastructure Operations, Distributed Systems, Networking, Computer Organization, Machine Learning, Computer Security.

Skills

Languages: **Go, Python, Shell scripting, C/C++, C#, Javascript, .NET, HTML, React**
Tools: **Cloud Foundry, Bosh, AWS, GCP, Linux/Unix, Kubernetes, Docker, Terraform, Concourse, Vault, Office Suite**