

PAARTH LAKHANI

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Education

University of Utah

MS, Computer Science

May 2022

GPA: 3.70

BS, Computer Science

December 2017

GPA: 3.48

Relevant Coursework

Machine Learning • Natural Language Processing (NLP) • Information Extraction • Structured Prediction • Computer Vision • Deep Learning • Operating Systems • Information Retrieval • Advanced Algorithms

Skills

Languages: Golang, Python, JavaScript, HTML5, Java

Containerization & Orchestration: Kubernetes, Docker, Helm

Tools / Cloud: Git, Jenkins, Postman, GCP, Azure

Experience

Software Engineer 2 | NetApp | Bellevue, WA

June 2022 - Present

- Developed workflows to dynamically expand/contract capacity pools during backup of apps with Azure NetApp Files in Astra.
- Developed solutions to gather cluster scoped resources when managing apps in Astra.
- Developed workflows for upgrade and rollback of Google Cloud NetApp Volumes (GCNV) product to ensure that the difference between the two versions is within a 2-month window.
- Developed script that checks for backward compatibility of GCNV internal API to prevent incompatible API modifications from being merged into production without review

Technology Analyst | Goldman Sachs | Salt Lake City, UT

Feb 2018 - Aug 2020

- Developed RESTful services in Spring framework to implement and enhance payment and journal workflows of a payment managing platform.
- Developed scripts for automating steps that resulted in saving about 30 employee hours per week.
- Performed UAT for the novel features on the internal automation tools - the latest 250 test cases unveiled 54 bugs and 30 enhancement requests that have ensured effective release of the platform.

Summer Technology Analyst | Goldman Sachs | Salt Lake City, UT

June 2017 - Aug 2017

- Designed a multi-faceted interface of an internal proprietary application for firm-wide adoption to aid in an effective communication with the Help Desk.
- Led the prototype build through React.js of the above application.

Teaching Assistant, CS 3810 | School of Computing | Salt Lake City, UT

Aug 2020 - Dec 2020

- Mentored 200 undergraduate students by conducting office hours, organizing TA sessions and grading assignments.

Product Engineering Intern | PROS | Houston, TX

June 2016 - Aug 2016

- Deployed a real-time, highly available web application on the company's cloud environment (Azure) that monitors the productivity of all teams within the company.
- Contributed to enhancing DevOps deployment pipelines, dragonized team-reported incidents, ensured viable code improvements, and boosted the HROS product efficiency by 35% through strategic upgrades to the application.

Projects

Event Extraction Task: Designed and built an IE system to analyze ProMed articles and extract important facts such as: diseases, victims and country.

Named Entity Recognition: Designed and built an IE system that recognizes named entities using English datasets.

Question Answering system: Designed and built a QA system that was ranked third in class.

Old Bailey Decisions: Explored different classifiers to predict the outcomes of the trials using the Old Bailey Proceedings.

Woof (Capstone): A pet-care website that offers pet-owners care-services for their pets.