DAKSH JAIN

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EXPERIENCE

Google   Sunnyvale, CA
Senior Software Engineer   November 2021 - Present

- Spearheaded the re-engineering of the standard GCP customer issue tracking platform, resulting in a 30%+ increase in issue SLO met rate (awarded Cloud Tech Impact Award)
- Architected an SLO enforcement tool, boosting ticket SLO definition compliance from 90% to almost 99% by automatically detecting and flagging non-compliant definitions
- Engineered an automated pipeline for reliability risk report generation for a major partner, transforming a 6-hour process into a 10-minute task that streamlined 10+ quarterly reports
- Took ownership of a critical multi-source data ingestion workflow for reliability risks, optimizing the process to eliminate single-source vulnerabilities and boosting team efficiency, saving over 200 engineering hours
- Pioneering developer of Google Cloud's risk management platform, building core features like data quality assurance, risk/mitigation accountability, native ticketing integration, etc.

Amazon   Seattle, WA
Software Development Engineer   June 2021 - October 2021

- Worked on affordable product recommendations for the Amazon India homepage
- Maintained and developed features for the display page for items

Air Products, Inc.   Allentown, PA
LNG Process Engineering Intern   June 2020 - August 2020

- Created a VBA temperature profile tool to analyze stresses within CWHE for 30+ heat exchangers
- Analyzed material cost efficiency for 5+ heat exchanger designs
- Improved problem-solving skills and learned automation of complex calculations

Endevor, LLC   Greenville, DE
Software Engineer Intern   June 2019 - January 2020

- Worked on 20+ administrative pages in Illuminate Suite coded in the .NET Framework
- Full-stack development of Forward Access Point for 20+ nuclear power plants
- Learned test-driven development and effective teamwork skills for successful product delivery

SKILLS

Programming Languages: Python, TypeScript, Java, Go, MATLAB, C++, C, SQL, HTML, CSS
Frameworks: React, Angular, .NET Framework, Spring
Tools: Protocol Buffers, Scikit-learn, Express, NumPy, Pandas, Node, MongoDB, Git, Redux

PROJECTS

Gambit   https://github.com/djain106/gambit
MongoDB, Express, Node, React   May 2021
Coded a full-stack application that implements allows users to register and play BlackJack, Roulette, and Slots

Disbiome Analysis   https://github.com/djain106/disbiome_matlab
Python, NumPy, TensorFlow, MATLAB   December 2020
Created a predictive model for future patient ailments based on gut microbiome data

LEADERSHIP/MERITS

Robert L. Pigford Undergraduate Award   University of Delaware
Awarded for high academic performance, leadership, good communication and organization skills, and genuine interest and curiosity toward chemical engineering   July 2020

EDUCATION

University of Delaware, Honors College   Newark, DE
BS Chemical and Biomolecular Engineering *GPA: 3.9*   May 2021
Minors: Computer Science, Economics, Chemistry