

Shail Desai

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EXPERIENCE

INDUSTRYPRO SENIOR SOFTWARE ENGINEER

November 2024 - Current

- Maintaining and growing virtual infrastructure foundations serving as the backbone of our day to day core operations. Specifically developing these as a scalable framework that supports ongoing innovation and growth.
- Created a machine learning model using ChatGPT to develop and vet prospecting leads along with filling our key information about company details.
- Working closely with the CRM DealCloud, as well as other industry tools such as SuperSend, SendGrid, Dispatch, SourceScrub, and Zapier.
- In my work, there is a heavy emphasis on using APIs to transfer data between our CRM and various integrations that I have built for cold email sending, nurture campaigns, etc.
- Re-invented password security across the company to conform with industry standards.

BERKSHIRE HATHAWAY ENERGY SOFTWARE ENGINEER

December 2023 – November 2024

- Used IBM Maximo to monitor and manage assets across the country.
- Worked on complex problems that involved correcting issues with substations.
- Created backend solutions using Python for daily energy station requests such as work order processing and requisition viewing.
- Worked and communicated with tool owners to build, demolish, and create different types of tools and entities.

AMAZON SOFTWARE ENGINEER

May 2022 - July 2023

- Created and managed APIs for the Machine Learning and Artificial Intelligence teams regarding the acquisition and classification of data.
- Acquired and processed obfuscated personal data to detect 'bad actors' (those who have taken over an account) and other threats to user security.
- Deployed an inter-region platform that analyzed thousands of data points in order to identify 'bad actors' through multiple device inputs.

INTEL SOFTWARE ENGINEER

August 2021 - May 2022

- Used Splunk to help create alarms and manage user retention for an internal service.
- Created an API to analyze course completion logs for Jupyter Notebooks and output them to a third party service for tracking.
- Worked with AWS and TCP/IP protocols to create an authentication service for a proprietary product in order to move functionality to the cloud.

EDUCATION

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
May 2021
College of Engineering

SKILLS

PROGRAMMING

Advanced

- Python • Java • C++

Proficient

- C • JavaScript • SQL

Basic

- HTML • CSS

TECHNOLOGY

- Git • AWS • Azure
- Machine Learning

LINKS

GitHub: github.com/shail4221

LinkedIn: linkedin.com/in/shail4221

Website: shaildesai.com