Prateek Jain
Software Developer

Process-oriented software developer with more than 2 years of work experience in cloud computing. Solid exposure in collaborating cross team in understanding their requirements and delivering results.

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7500705200 📱

Bengaluru, India 📍

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WORK EXPERIENCE

SDE-1
Amazon AWS

10/2022 - 03/2023   *Bengaluru, India*

Store Availability Team, Amazon Go - *Manages and builds services that help with observing and managing the different devices present inside the Amazon Go Store, designed with Just Walk Out technology.*

Achievements/Tasks

- Onboarded 2 new devices to store state service by developing frontend features in **Angular** & implementing backend API endpoints using Java **Springboot**.
- Worked on automation scripts using the **Selenium** and **BeautifulSoup** libraries in **Python** to generate detailed reports for the L8 directors in the physical stores.
- Implemented an internal approval workflow service that reduced false store state changes by almost **50%**.

Software Developer
Cactus Communications

01/2021 - 09/2022   *Mumbai, India*

Provides academic support services to researchers and publishers. Amongst various services, one is providing editing services for the manuscript and research papers.

Achievements/Tasks

- Redesigned the **monolithic** architecture of an application by breaking down into 5 **microservices**.
- Integrated the **Datadog** APM tool with the **Python** application after evaluating four different APM tools that support the application's queue-based serverless framework.
- Optimized the main data generation pipeline by reducing the **PostgreSQL** query cost by up to 50%.
- Automated multiple data generation processes by creating **jupyter** notebooks in Python saving up to 6-8 work hours weekly.
- Increased the code coverage of unit test cases by 10% using **mocking** techniques with the pytest module.
- Created **API** endpoints for the serverless application.
- Enhanced the grammar automation service by designing 2 new modules.

EDUCATION

B.Tech
IIT GOA

08/2016 - 07/2020   *Goa, India*

SKILLS

Microservices   DynamoDB   AWS
Serverless   Springboot   Docker
Django   MySQL   SQS   GitHub
Lambda   EC2   Cloud Computing

ACHIEVEMENTS

Technology Champion of the Quarter at Cactus Communications (10/2020 - 12/2020)
Awarded with the Technology Champion of the Quarter for integrating the DataDog Application Performance Monitoring tool into the API

PERSONAL PROJECTS

Web Development (Website)
(09/2020 - 12/2020) ⬈

- Designed backend using **Django** & frontend using HTML, and CSS to create a responsive website (View the **website** here and **source** code here).
- Deployed the website on Amazon Web Hosting Services; configured their domain with Route 53.
- Created SSL certificate for the HTTPS protocol.
- Generated a NEET medical colleges cut-offs database from 15,000 seat data among different government colleges.
- Set up AWS SES SMTP interface for sending bulk emails; configured DKIM to prevent spamming.

LANGUAGES

Python
Full Professional Proficiency

Golang
Elementary Proficiency

Java
Professional Working Proficiency

JavaScript
Professional Working Proficiency

INTERESTS

Gym   Networking   Metaverse
Volleyball   Gymnastics   Spirituality