

SUNNY TIWARI

Software Development Engineer

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Hyderabad, India

EXPERIENCE

Software Development Engineer

Amazon Web Services (AWS)

01/2020 - Ongoing Hyderabad, India

I worked with two team in this duration, World wide capacity planning and AWS finance technology.

- Designing, implementing, and owning critical components of a web service that provides headcount visualization, planning, and management tools to all of Amazon.
- Leading a cross-team effort to develop a service that provides a centralized repository of hierarchical data to multiple downstream systems
- Spearheading efforts to automate manual processes and integration testing to increase development velocity and reduce errors.
- Mentoring and providing technical guidance to several junior engineers.

DevOps Engineer

Amazon

06/2017 - 12/2019 Hyderabad India

I worked with Customer Engagement Tech Org which powered the amazon great customer experience.

- Interface with a diverse customer base to understand requirements, priorities, and processes.
- Won the star performer award for saving 150k USD per month in Infrastructure cost.
- Worked on expansions of current applications to support new launches
- Worked on identifying and addressing risks to hardware and software while helping maintain application health.
- Proposed and implemented new projects or recommend system improvements .
- Interact with senior management on status, risks and emergent issues with project, initiatives and support.

CERTIFICATIONS

AWS Certified Developer - Associated

Amazon web Services (AWS)

SKILLS

Language and Cloud Platforms

NodeJS

Typescript

Java

JS

AWS

Frameworks/Technologies

Git

Linux

Docker

DevOps

NestJS

React

PROJECTS

Head Count Management

06/2020 - Ongoing Hyderabad

Tech Stack: AWS, React, NestJS, Java, Typescript

- This product is a position-based headcount (HC) management system . It serves as a real-time account of approved HC while providing capabilities for the business and finance teams to manage their plan and facilitate reporting.
- Wrote various APIs for micro services in java using internal framework.
- Wrote code for frontend in react.
- Used various AWS services such as DynamoDB, lambda, Fargate, Cloudwatch, X-ray, Elastic search, Kibana, Kinesis, Redshift for infrastructure.
- Setup data pipeline for getting data from HR tools to our system.
- Design and Implement micro service for Request which handles approvals request and also send notification to user.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

Amazon web services (AWS)

EDUCATION

Bachelor of Technology,
Information Technology

Kamla Nehru Institute of Technology

2013 - 2013

GPA

78.2 /
100

High School, Grade 12

Jawahar Navodaya Vidyalaya, Kushinagar

2012

GPA

83.1 /
100

STRENGTHS

★ Experienced in Multiple Programming Languages

I enjoy taking challenges and turning them into successes. I always volunteer for the technologies / languages that I am not familiar with, so I may grow my base and familiarize myself with different programming paradigms, functional, object oriented, etc.

🔧 Automation Fan

I like to automate things a lot. If there's an excel I need to update every day or a mail I need to send, I will have written a script to parse and schedule them. I take this mindset to work and have used this to write scripts to help automate build and release pipelines for projects relying on traditional methods of manual deployment.

AWARDS

★ **Star performer**
Award, Amazon
- Q4 2019

PROJECTS

Master Data Management

01/2020 - 05/2020 Hyderabad

Tech Stack: AWS, React, Java, Typescript

- This project was for storing and managing data generated after processing contacts data and other metrics for a Customer service agent, which later used for forecasting.
- This reduced manual effort of 100 hour per week, data redundancy issue and increased data accuracy.
- wrote APIs for storing and fetching data.
- wrote code using react for front end.

MIG:Mozilla Investigator

09/2016 Sultanpur

Tech Stack : Go

- Mozilla Investigator was a mozilla's real time digital forensics and investigation platform to investigate and obtain information from large distributed system in parallel.
- It was wrote in GO language.
- I have created an API endpoints for agent to retrieve PGP public key that corresponds to the PGP fingerprints.

Image based recommendation system

03/2017 Sultanpur

Tech stack : Python, Django, PHP, OpenCV

- It was my graduation final year project
- In this I have implemented image based recommendation for searching products in E-commerce
- It was a web app based on Django in which I have used openCV for image processing
- Numpy, openCV used for machine learning and image processing part