Smit Tailor

Senior software engineer and Cloud architect

Seasoned IT professional adept in backend development, cloud architecture, AWS/GCP services, machine learning deployment, CI/CD pipelines, and Git, with a track record in leading projects, upskilling teams, and implementing robust solutions.

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WORK EXPERIENCE

Software development engineer 2 (SDE2)
Pibit.ai ⬈

10/2022 - Present
Achievements/Tasks

- Orchestrated a comprehensive AWS architectural overhaul, transitioning 8+ production systems to microservices, improving scalability and efficiency by 50%.
- Led a 4-member team in implementing Agile practices and delivering training sessions, streamlining development processes.
- Optimized backend performance, reducing query times by 30% through Redis caching and read replicas implementation.
- Optimized FastAPI for critical document processing, reducing API response time from 1.5 mins to < 10 secs.
- Engineered end-to-end CICD pipelines for automated deployments, enabling seamless and reproducible processes across multiple stages, reducing deployment time by 60%.

Software Engineer
IHX.in ⬈

10/2021 - 10/2022
Achievements/Tasks

- Engineered APIs using Flask and Django, ensuring seamless communication between systems, enhancing connectivity by 40%.
- Conducted ETL processes leveraging Pandas and Hugging Face datasets, enhancing data accuracy by 30%
- Utilized Pillow and NumPy for image optimization, reducing preprocessing time by 25% and enhancing machine learning model accuracy by 20%.
- Implemented blue-green deployment strategies, ensuring zero downtime during updates, maintaining uninterrupted API access for clients, enhancing reliability by 50%.

Junior engineer
Ford Motor Private Limited ⬈

08/2021 - 10/2021
Achievements/Tasks

- Learned Linux command-line interface, utilizing the knowledge to create and update resources within GCP projects.
- Implemented Nginx for setting up proxies to Linux systems/servers.

EDUCATION

Bachelor of engineering
Sarvajanik College of engineering and technology

08/2017 - 08/2021   *Surat, gujarat*

SKILLS

Linux Command line Interface (CLI)

Git/GitHub   Django   FastAPI

Docker   PostgreSQL   Nginx

AWS CodeBuild with AWS CodePipeline

AWS Cognito   AWS EC2   AWS ECR

CI/CD pipelines   GCP Firebase

AWS EKS   Kubernetes

AWS Systems Manager   AWS IAM

AWS Lambda   AWS RDS (Aurora)

AWS Route53   AWS VPC

AWS CloudFormation

PERSONAL PROJECTS

Disease Spread Analyzer ⬈
- Developed an Android application called "Diarrhea in My Area" that utilizes maps and graphs to monitor and analyze the spread of various diseases

Intern Notifier ⬈
- Developed a Python script utilizing web scraping techniques to receive email notifications for internship opportunities from various websites.

Updates2k19.in ⬈
- Developed and implemented a website to showcase college Techfest, facilitating event registration and display of event information

INTERESTS

Automation and Scripting   Gaming

Adventuring   Googling