Pranay Narang

Cloud Architect

Short and engaging pitch about yourself.

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EDUCATION

Graduation
Ajeenkya D.Y. Patil University

08/2019 - Present

Courses

- B. Tech. Computer Science

Junior College
JSPM (Prodigy Public School)

2017 - 2019

High School
The Bishops School, Pune

2005 - 2017

WORK EXPERIENCE

Cloud Architect & DevOps Intern
nTuring Technologies Pvt. Ltd.

08/2020 - Present *Remote (WFH)*

Achievements/Tasks

- Major responsibilities included designing and implementing cloud-based infrastructure for clients utilizing our product.
- Additionally, I also implemented DevOps culture practices to ensure a smooth flow of events, from development to deployment.
- Guided on best practices for Android application architecture and authentication and authorization module flows for optimized UX on the user end.

DevOps Intern
Saltnow

06/2020 - 08/2020 *Remote (WFH)*

Achievements/Tasks

- Developed efficient and scalable pipelines for ensuring Continous Integration and Continous Delivery.
- Employed automation in various stages of development to simplify deployments.
- Utilized tools such as Jenkins, AWS CodeBuild and CodeDeploy for CI/CD.

Technical Head
FireHound

06/2017 - 12/2019

Opensource organization developing third-party Android firmware focused on security and stability by always keeping the end-user in mind

Achievements/Tasks

- Building the architecture from ground-up to deliver real-time Over-The-Air updates to our users
- Managing device maintainers for weekly update delivery across 15 devices and 4000+ users

SKILLS

AWS | Google Cloud Platform | DevOps | GitOps | CI/CD | REST API | Terraform | Jenkins | Android | Docker

PERSONAL PROJECTS

Faculty Availability Assurance (01/2020 - 03/2020)

- Android application for real-time tracking of faculty members in the university through State-of-The-Art self-written API based facial recognition service plugged into the CCTV network to determine if they're available on their cabin/cubicle at the given moment. It was created to avoid wasting the time spent by students climbing multiple flights of stairs or sometimes buildings altogether just to find out that the professor is not available.

HIRO (Highly Intelligent Rescue Operator) (11/2019 - 01/2020)

- Quadcopter running on Naze32 6DOF board attached with a camera serving efficient low-latency HD live streaming on a local network and running object detection searching for humans at high frame rates. Created keeping rescue missions for natural disaster prone areas without fast human reach in mind.

TINNO-8937 Device Unification (03/2019 - 05/2020)

- The main aim of the project was to unify opensource blobs and kernels of Tinno OEMs msm8937/msm8953/msm8996 family of devices so that future developers don't have to go through an extensive load of work when working on any device of the family.

Teamwin Recovery Project for TINNO-8937 (07/2019 - Present)

- Extensive adaptation of the first completely stable, fully functional and highly updated touch-based recovery system for the TINNO-8937 device family for installing custom firmware's, kernels, and any other device modifications.

Treble Adaptation for garlic (01/2018 - 08/2018)

- Google's treble framework being a good concept was a nightmare to implement on the device side framework, my colleague and I were among the very first people to get treble framework working with a 3.18 89xx CAF based kernel.

CERTIFICATIONS

Postman Student Expert (10/2020 - Present)
Issued by - Postman

Nutanix Hybrid Cloud Scholarship (07/2020 - Present)
Issued by - Udacity

Python Skill Assessment (09/2020 - Present)
Issued by - HackerRank

Scientific Computing with Python (09/2020 - Present)
Issued by - freeCodeCamp

AWS Fundamentals: Addressing Security Risks (06/2020 - Present)
Issued by - Coursera