

PRASHANT SINGH

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Bengaluru, KA

PROFILE

Experienced Backend Developer with a background in Platform Engineering, specializing in Django, Amazon Web Services (AWS), Docker, Linux, and Python. A strong engineering professional with a Bachelor's degree in Information Technology from Birla Institute of Technology. Skilled in software development and associated with Growth teams, delivering high-quality products and driving business growth.

EXPERIENCE

Software Engineer 2, Airbase

Sep 2021 — Present

- ▣ Growth team

- Created a cashback report feature on the customer dashboard, enhancing user experience by enabling tracking and monitoring of spending habits with additional filters for detailed transaction viewing.
- Designed and developed a user interface using Retool to visualize and process cashback data. Utilized Retool's drag-and-drop interface to create a user-friendly dashboard.
- Designed and executed cashback communication strategy for customers through personalized email campaigns, increasing customer engagement and retention.
- Automated cashback calculation for customers using Python and Django, reducing manual effort and increasing accuracy.
- Developed and implemented a pricing contract synchronization functionality from Salesforce, streamlining the process of creating pricing contracts.
- Implemented SSO integration with multiple Identity Providers using WorkOS, simplifying authentication and authorization processes for enterprise applications.
- Mentored fellow engineers on back-end development and industry best practices, fostering a culture of continuous learning and professional growth.

Technologies: Django, Python, Celery, Redis, PostgreSQL, REST

Platform Engineer 2, Paysafe

Jul 2019 — Sept 2021

- ▣ Data platform team

- As part of data platform team worked on writing Scala and Java code for spark ETL framework.
- Automated the ETL process from cron based to Event driven by utilizing Amazon EventBridge.
- Wrote end to end flow for flattening hierarchical data and created dashboards.
- Migrated Vertica cluster in AWS using AWS Cloudformation.
- Helped team to optimize resources from AWS perspective.

Technologies: Python, AWS services Cloudformation, Stepfunction, Lambda

- ▣ On-premise to AWS Migration (CloudOps team)

- Worked on developing cloud infrastructure for bringing transactional data from on-prem to cloud and perform analytics on them. For this we used AWS services like Cloud formation, S3 bucket, Codepipeline, CodeCommit, SNS and SQS.
- Helped different teams setting up cloud infrastructure using Cloud formation.
- Worked on cost optimization and billing visibility.
- Helped other teams with incident resolution.

Technologies: Python, AWS services like Cloud formation, S3 bucket, Codepipeline, CodeCommit, SNS and SQS.

- ▣ Paysafe Money(R&D team)

- Containerization of microservices and publishing it to Elastic container registry(AWS ECR) also made CICD pipeline using HELM and brigade later we adapted Spinnaker for CD.
- Did POCs on multiple CNCF and other tools like Jaegar, Twistlock.
- POC on one click deployment of infrastructure for testing the end to end flow and generating and publishing the report using Neoload.
- Did optimizations like docker size, changed the structure of helm chart to make it unified for all the microservices.

Technologies: Python, Docker, AWS, Helm, Kubernetes

EDUCATION

Birla Institute of Technology, Major, Bachelors of Science

2015 — 2019

- Bachelor of Engineering in Information Technology
- CGPA:- 7.94

SKILLS

- Code: Django, Python, Scala, Data Structure and Algorithms
- Tools: Redis, SQL, AWS, Linux, Docker

ACHIEVEMENTS

- KPIT innovation award(Smart India Hackathon- 2018), Team leader
- AWS Certified Cloud Practitioner.
- Overall winner in a hackathon organized by Codeasylums (2018).
- Got all the Paysafe Value badges.