

Aman Desai

Distributed Systems Enthusiast

Curious person, interested in building products that affect millions.
Supercharged Python Developer.

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Mumbai 📍

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github.com/amandesai01 🐙

EDUCATION

B.Tech.

K. J. Somaiya College of Engineering

08/2018 - Present

7.96 GPA

WORK EXPERIENCE

Freelance Developer

Hermes

03/2021 - 04/2021

Advertising application, inserting targeted Ads using chrome extension and paying viewers.

Achievements/Tasks

- Built complete infrastructure (**Server, Website, ChromeExtension**).
- Integrated **Paypal Payment Gateway** for payments.
- Built lambda functions to release payments.
- Indexed Ads using Elasticsearch for relevancy.
- Tech: **Flask, Python, Elasticsearch, NuxtJs, Javascript**.
- Deployment: **AWS Lambda, EC2, SES, Amplify**.

Contact: Vikas Gupta, CTO, Levyne - vikasgupta@levyne.com

Development Intern

Milkie Way, Inc.

04/2020 - 05/2020

Achievements/Tasks

- Integrated Data Pipelines to pump in data.
- Developed a customised framework for web scraping which made indexing websites faster than ever.
- Enabled Webhook Architecture to avoid Polling.
- Other Responsibilities Include - Code Refactoring, Ensure Proper Scraping, etc.

Contact: Sudeep Chauhan - sudcha@tomilkieway.com

Backend Intern

Levyne

04/2019 - 05/2019

Achievements/Tasks

- Built Scalable APIs used to power App
- "He undergoes a very rigorous and critical thinking approach which helps him create flawless systems." - By Dev Shah (Mentioned in recommendation given on LinkedIn.)

Contact: Dev Shah, CEO, Levyne. - devshah@levyne.com

SKILLS

Java

Python

Jekyll

Flask

Android

MongoDB

Node.js

AWSLambda

Parallel Computing

Java Concurrency

NuxtJS

Bulma

DynamoDB

PERSONAL PROJECTS

Tracer 🔗

- End-to-End URL shortening service, providing smart analytics for audience.
- 60 Daily Active Users, 500 Registrations, 300 Daily Hits on Tracer Shortened Links. - (1st month)**
- Built on **MicroService Architecture**, deployed on **AWS**. (Lambda, API Gateway, Route53, S3)
- Tech:** Flask, Nuxt.js, BulmaCSS, DynamoDB
- [Click Here to Visit Website](#)

Buglytics

- Centralised Bug Reporting System, for Modern De-Centralised Systems
- Any error, along with other details can directly be streamed to Buglytics which will then trigger necessary **triggers** (configured by developer), **push a notification to developers** regarding error details.
- Tech:** Adobe XD, Java, Android, Flask.
- [Github Link](#)

SQLtoJSON

- Say Good Bye to Cursors, Connections, MySQL Drivers. This package has everything covered. And that is not the best part.
- Best part is you get an easy to use web interface where you can see your **"in-code" query history** and try new queries.
- Tech:** Flask, SQLite,
- [Github Link](#)

CERTIFICATES

AWS Fundamentals: Building Serverless Applications



Passed Assessments with a grade of 97.8%

Parallel Programming in Java

Passed Assessments with a grade of 88.00%

INTERESTS

Competitive Programming

Mathematics

Cloud Computing

Computer Networks

System Design

Distributed Systems