Aman Desai
Distributed Systems Enthusiast

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

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Mumbai 📍

linkedin.com/in/aman-desai-66a333173 in

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 customized **scalable** 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.
- Tech: **Python, Flask, NodeJS, Cheerio**
- Cloud: **Google Cloud Functions, Firebase**

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 Tailwind

PERSONAL PROJECTS

Tracer (Live Project) ⬈
- 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
- Clich 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**: Flask, NuxtJS, PostgreSQL
- 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, Bootstrap
- 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