

PROFESSIONAL EXPERIENCE

Dozer (getdozer.io)

Lead Developer Advocate - Contract

April 2023 – July 2023

Led initiatives to improve developer onboarding and engagement using Dozer.

Created sample applications using Dozer and other data engineering tools.

Developed a detailed content strategy including podcasts, documentation, and collaborations.

Managed GitHub, forums, and Discord community for Dozer developers.

Spoke at over 4+ conferences/meetups, and contributed to Dozer's documentation.

Provided feedback to engineering teams on Dozer usability and developer experience.

Performed product management roles, communicated with engineers for feature releases.

Created tutorials, managed online engagement on platforms like Reddit, Twitter, Hacker News.

Blogs and sample apps available at: Dev.to profile and Dozer Samples.

Tech stack: Python, React, Dozer, Kafka, Data engineering tools, Docusaurus

YugabyteDB

Developer Advocate

June 2022 – February 2023

Focused on content creation and developing sample applications for YugabyteDB.

Authored blogs and tutorials, enhancing understanding and adoption of YugabyteDB. Available at: Dev.to profile.

Delivered over 10+ talks at various conferences and meetups. A few of the slides are available at: slides.com/abhishek-mishra and /stalwartcoder.

Contributed to client POCs and internal demo apps for YugabyteDB. Repository available at: YugabyteDB Sample Repository.

Contributed to documentation and development of Python SDKs for YugabyteDB.

Tech stack: PostgreSQL, YugabyteDB, Python.

Prediction Machine

Software Engineer

July 2021 – May 2022

Implemented and maintained CI/CD pipeline and development, production environment, ensuring code quality and adherence to PR guidelines.

Established a data ingestion pipeline with robust monitoring and alerting, utilizing Airflow, Prefect, and Sentry.

Wrote extensive unit tests for scrapers, analytical code and data pipeline enhanced with type checking using MyPy.

Mentored colleagues, sharing expertise in data engineering and best practices.

Tech stack: Python, Docker, GH Action, AWS, Prefect, Airflow, Sentry, PostgreSQL.

Saama Technologies

Software Engineer

September 2020 – July 2021

Developed and maintained APIs for a machine learning model as part of the SDQ project, aiding in clinical trials and medical coding services.

Contributed to a project integral to Pfizer COVID-19 vaccine development, handling data extraction and processing from a data lake.

Designed and implemented a data model for the backend of a medical coding service.

Executed a POC using S3 and Redash to build a file explorer for S3.

Mentored other engineers and junior engineers, fostering skill development and knowledge sharing.

Tech stack: Python, Docker, GCP, PostgreSQL, Flask, Rancher-Kubernetes.

Essentia SoftServ LLP

Software Engineer

October 2019 – September 2020

Developed 'OcrHiem', a web application automating medical coder document parsing, utilizing OCR technology with Django and AWS.

Created 'HCC Explore', a Risk Adjustment Factor calculator for healthcare companies, focusing on medical codes and premium calculations. Project available at: HCC Explore.

Mentored team members, providing guidance and support in software development processes.

Tech stack: Python, Docker, AWS, Redis, Celery, Flask, Django, Elastic, Vue.

Virtusa Corporation

Software Engineer

September 2017 – October 2019

Developed an OCR library API, enhancing the KYC process for the life insurance sector.

Engaged in a POC project, creating an application for analyzing and predicting business resources using machine learning, including API development and frontend contributions.

Collaborated closely with cross-functional teams to integrate machine learning models into business applications.

Contributed to both backend and frontend development, ensuring seamless integration and efficient performance.

Tech stack: Python, Docker, Angular.

EDUCATION

St. John College Of Engineering, Mumbai University, Maharashtra

Bachelor of Engineering, Computer Science

June 2017

Viva College Of Engineering, Mumbai, Maharashtra

Diploma, Computer Science

June 2014

Lokmanya High School, Mumbai, Maharashtra

SSC - Maharashtra State Board

May 2011

COMMUNITY ENGAGEMENT & LEADERSHIP

PyCon India Organizer: Since 2019

PyCon APAC Organizer: 2021, 2022

Chaos Carnival Organizer: 2020

Lead organizer of Google Developer Group (GDG) Chennai: since 2019

Volunteer: FOSS United, KCD Chennai, PyCascades, Droidcon India 2019, and other conferences & local meetup groups.

CERTIFICATIONS AND RECOGNITION

Google Cloud Certified Associate: 2019

Best Team award at Virtusa Corporation: 2018

Local Hackathon Wins

SPEAKING ENGAGEMENTS

PyCon APAC: 2020

Startup Weekend Chennai: 2020

PyConf Hyderabad: 2019, 2022

PyCon Indonesia, Malaysia: 2019, 2020

DevFest (Across India): 2019, 2021, 2022

PyCon India: 2019, 2023

KCD Chennai: 2023

Google Cloud Community Days Conf (Across India): 2022, 2023

Microsoft Azure Bootcamp: 2018, 2019, 2023

AzConf: 2022

MumbaiFOSS, DelhiFOSS: 2023

Various Conferences, Local and Remote Meetups

SKILLS / KEYWORDS

Linux: Debian family (Ubuntu)

Scripting: Bash, Python

Backend: Python (Django, Flask)

Frontend: HTML, CSS, Javascript (Vue)

Databases: PostgreSQL, SQLite, Redis, YugabyteDB

Web Application servers/proxies: Nginx

Version control systems: Git

Misc: Amazon Web Services (EC2, S3, Lambda, API Gateway, IAM), Terraform, Airflow, Prefect, Celery, GH Actions, Docker etc.