

ABHIJIT S KULKARNI

Python Backend Developer

PROJECTS

JER HR – Training Management app

Technology: Django, PostgreSQL

- Architected the SaaS training platform
- Implemented RBAC, Database schema, REST APIs, Celery
- Bulk CSV import-export, PDF reports, Push notification using Firebase services

Media Register – Photograph Licencing app

Technology: Django, PostgreSQL

- SaaS implementation for Media companies to share assets.
- DB schema design, REST APIs, S3 buckets to use pre-signed URL to get images.
- RBAC, microservices, deployed Django using Gunicorn over nginx.
- Integrated Stripe payment
- Implemented dashboards, reports for invoices, Unit test cases with 80% coverage

DoveMed – Healthcare app

Technology: Python, PostgreSQL

- A social app for Healthcare Seekers and Healthcare Providers.
- Making regular deployments on Amazon's EC2 instances for all the microservices as well as monolithic applications.
- Implemented Unit test cases with a coverage of 70%

BuildSync – App for Maintenance of Buildings

Technology: Django, PostgreSQL

- SaaS Application for Construction project management.
- Implemented the Role-Based Access Control
- Implemented site coordination among office, field workers & clients.
- Database schema design, REST API development
- Integrated Django Channels as a WebSocket for chatting apps
- Implemented push notification using Firebase services

Obindo CHG Technology: Flask, MongoDB – Email parser

Pentadata Technology: Python, Selenium – Web crawler, and Captcha breaking

ROBOKAT – Predictive Maintenance of Server Health

Technology: Machine Learning, Deep learning

- SaaS implementation of server health predictor and monitor
- Machine Learning model to predict server health with the accuracy of 70%
- Made Exploratory data analysis of data to find the correlation between features.

EXPERIENCE

Cognitive Clouds

May 2019 – Present

Accenture

Sept 2017 – Apr 2019

Indian Space Research Organisation

Jan 2017 – Jul 2017

SKILLS

Object-Oriented Programming, JSON, Postgres, Push notification, Machine Learning, Deep Learning, Natural Language Processing, Object Detection, Speech Recognition, Speech to text, Payment integration. Python, Mac OS X, Ubuntu GNU/Linux, Django, Flask, AWS deployments, SSL, RDS

CLOUD SERVICES.

Amazon Web Services, Heroku

EDUCATION.

B Tech – Electronics and Communication