

Abhijeet Viswakumar

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EDUCATION

BITS PILANI

B.E. ELECTRONICS AND
INSTRUMENTATION
ENGINEERING
July 2022 | Hyderabad, India
CGPA: 8.29/10

AMRITA VIDYALAYAM

CBSE CLASS XII, 95.8%
March 2017 | Palakkad, India

SKILLS

PROGRAMMING

Proficient

- Python • Java • Kotlin • C
- Bash

Familiar

- SQL • C++ • Typescript

AWS

- Lambda • DynamoDB
- ECS • Fargate • EC2
- CDK

TOOLS &

TECHNOLOGIES

- Linux • Django • Android
- Docker • REST • Postman

ABOUT ME

I am a passionate software engineer with hands-on experience on backend and infrastructure development on AWS. Open Source enthusiast and contributor.

EXPERIENCE

AMAZON WEB SERVICES (AWS) | SOFTWARE ENGINEER

February 2022 - January 2023 | Bangalore, India

- Created a service to parse WAN maintenance notification emails and automatically suppress alarms/monitors.
- Created internal tools to automate network configuration regression testing on physical network switches.
- Created internal tools to easily create virtualized Physical Store networks on EC2 instances.
- Worked on integrating virtualized networks with automated regression tests and FullCD pipelines.

ORACLE | SOFTWARE ENGINEERING INTERN

June 2021 - July 2021 | Bangalore, India

- Migrated Oracle Solaris's implementation of the Unix utility "vmstat(8)" from *kstat2* to *StatStore*. Improved accessibility of historical data, performance, and improved maintainability of codebase.

OPEN SOURCE CONTRIBUTIONS

DJANGO | PYTHON WEB FRAMEWORK

January 2020 - Present | GitHub PRs: [django/django/pulls](https://github.com/django/django/pulls)

- [Reported](#) and [fixed](#) a release blocking bug related to concurrent select and update on tables.
- [Fixed](#) a bug related to redundant SQL queries being generated when inserting a new row in a table.
- [Improved](#) Django codebase and documentation.

PROJECTS

CMS-ANDROID | OPEN SOURCE MOODLE CLIENT FOR ANDROID

May 2019 - Present | GitHub: [crux-bphc/CMS-Android](https://github.com/crux-bphc/CMS-Android)

- Vital part of student academics, allows students to stay updated with announcements from professors with 3000+ active users.

SMARTCAMPUS | A MOBILE APP FOR A SMARTER CAMPUS

September 2019 - Present

- Designed and built the backend for SmartCampus, a mobile app to place orders for food in campus.
- Used Django and Django REST Framework to built the web application, PostgreSQL for the database.
- Deployed onto Digital Ocean.