

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

TOOLS & TECHNOLOGIES

• Linux • Lambda • EC2
• DynamoDB • ECS • CDK
• Django • Android • Docker
• REST • Postman

ABOUT ME

I am a passionate software engineer who started programming at the age of 13. and have always been excited to learn something new. My current interests are backend web and infrastructure development. I'm also an Open Source enthusiast and contributor.

EXPERIENCE

AMAZON | 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 | SUMMER 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](#)

- 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.
- Made other contributions to improve the Django codebase and documentation.

PROJECTS

CMS-ANDROID | OPEN SOURCE MOODLE CLIENT FOR ANDROID

May 2019 - Present | GitHub: [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.