

# Abhijeet Viswakumar

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## EDUCATION

### BITS PILANI

B.E. ELECTRONICS AND  
INSTRUMENTATION  
ENGINEERING  
July 2022 | Hyderabad, India  
Current 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*.

## PROJECTS

### CMS-ANDROID | OPEN SOURCE MOODLE CLIENT FOR ANDROID

May 2019 - Present | GitHub: [crux-bphc/CMS-Android](#)

- Maintainer of the project.
- Vital part of student academics, allows students to stay updated with announcements from professors.
- 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.

## 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.

## EXTRA CURRICULAR

- Ex-Student member of Computer Center - Information Technology, the body which facilitates access to IT resources and communications networks amongst users within BITS Pilani, Hyderabad Campus.
- Ex-Student Member of Crux - The Programming and Computing Club of BITS Pilani, Hyderabad Campus.