Abhijeet Viswakumar

📞 +91 807-820-4438 | ✉ abhijeetviswa@gmail.com | 🔗 abhijeetviswa | ○ abhijeetviswa

About Me

Result-oriented and passionate software engineer with 2 years of professional experience. Continuously learning about the latest technologies helps me quickly adapt to any situation. Open-source enthusiast, interested in backend, infrastructure, and systems development.

Technical Skills

Languages: Python, Javascript, Typescript, Golang, Java, Kotlin, SQL
AWS: Lambda, DynamoDB, ECS, Fargate, EC2, CDK
Frameworks: Django, Express Android
Databases:Postgres, MongoDB

Experience

Zluri   March 2023 – Present
Senior Software Engineer   Bengaluru, India

- Made the email notification pipeline more robust by introducing dedicated infrastructure with minimal cost and code migration. This drastically decreased email delivery latency during peak hours.
- Led the effort in finalzing an ORM for a **Postgres** migration by conducting POCs and upskilling peers on its use.
- Performed bug bashes in legacy modules, reducing on-call tickets, and improved maintanability by refactoring code and adding documentation.
- Built an shadow API comparison in **Golang** system to compare the responses of our production API and Postgres-migrated API responses.

Software Engineer   *March 2023 - December 2023*

- Lead the development of a greenfield project, *Access Reviews*. Delivered with exceptional code quality and a extensible design making agile future development possible, resulting in a robust new revenue stream.
- Lead the charge in improving code quality by initiating **Typescript** into the codebase and improving maintainability.
- Ideated & implemented a development workflow for the organization using feature environments, automated testing etc. resulting in higher engineering productivity and faster project delivery.
- Built a background job monitoring system that alerted on high severity incidents, reducing downtime and customer churn.

Amazon - AWS   Feb. 2022 – March. 2023
Software Engineer   Bengaluru, India

- Created a service to automatically parse maintenance emails and suppress relevant alarms. Resulted in reduced operational load and approx 5 fewer high severity tickets weekly.
- Reduced weekly effort spent on running manual and protacted regression tests by automating it. This reduced the time spent on the test from 24 man-hours down to 8.
- Worked on an easily deployable network virtualisation product that was integrated with automated network config CI/CD and regression testing pipelines. Ultimately reduced cost by replacing physical network labs.

Oracle   June 2021 – July 2021
Software Engineering Intern   Bengaluru, India

- Improved performance and accessibility of historical data by adding support for alternative data stores in the *vmstat* command for Oracle Solaris.

Education

BITS Pilani   Hyderabad, India
B.E. Electronics and Instrumentation Engg. (CGPA: 8.29/10)   Aug. 2018 – July 2022

Open Source Contribution

Django | *Python Web Framework*

- Fixed a data-corrupting bug related to concurrent select and update on Postgres tables.
- Fixed a bug that issued redundant SQL queries, improving performance during insertions.

Projects

CMS-Android | *Open Source Android app for Moodle* | *Refs:* ○ ▶

- Developed and maintained a 3rd Party Moodle client, allowing students to enrol and access course material.
- Vital part of acdemic life with 4000+ active student users, notifying students about notices and providing offline access to content.