Akshat Khandelwal

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EXPERIENCE

Site Reliability Engineer - Heatwave Service   **Aug 2021 – Present**

Oracle, Bengaluru, India

- Developed custom scripts/tools to automate steps in deployment process which reduced the time taken by over 90%.
- Developed reporting solutions to track total time taken in the deployment process, identifying gaps and bridging those over time.
- Performed root-cause analysis post incidents, identifying areas of improvement and fixing bugs as necessary.
- Initiated process and technical design changes in upstream services to improve efficiency and reduce manual toil.
- Mentored peers on the existing codebase and development processes; encouraging knowledge sharing and collaboration.

Tech Team Lead - **inGenius 2019**   **Oct 2019 – Nov 2019**

- Built the website and an AR app for the college event.

PROJECTS

Self-hosted software
Self-hosted media management tools like Jellyfin, Immich using an old laptop as a server, exposing it via a VPN to make it accessible from anywhere in the world.

Mess Timetable
An app to help the hostel students see the mess menu at a particular time of the day with just one click. Published on Google Play Store with over 1000 downloads and a 5-star rating. Unfortunately, it got removed but the app details/screenshots can be seen here.

Pes Social
A full-stack social networking clone. Implements fully encrypted user authentication, text/tweets sharing with comments, profile edits (bio, profile image, etc) and notifications. The back-end, however, is no longer functional since my firebase account expired.

SKILLS

Programming languages: Python, Java, Javascript, C

Configuration languages: YAML, Terraform

Tools: Version control system (Git), Containerization (Docker), Kubernetes cluster management

OS: Linux, Windows

EDUCATION

PES University, Bengaluru, India   **Jul 2017 – Jul 2021**
Bachelor of Engineering in Computer Science and Engineering