ABHIBHAW ASTHANA

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WORK EXPERIENCE / PROJECTS

Co-Founder | CTO
Aug 2020 – present
Gepton (B2B Startup)

- As a B2B startup, we've assisted over 13+ startups and businesses in transitioning their services from offline to online.
- Designed and established a Standard Operating Procedure (**SOP**) for a team of 15 people in order to boost efficiency.
- Partnered with a variety of companies from various industries to help them create and **increase** their online presence via web and mobile based platforms.
- Deployed and Managed web and email **server** for clients and applications. Streamlined deployment workflows using Github Actions CI/CD with other build and deployment tools.
- Automated, repetive system setups using **bash scripts** and shifted traditional shared hostings over cloud.

Project Lead
Jan 2021 – Jun 2021
Milkton (Milk Delivery System ERP)

- Developed a complete Enterprise Resource Plan solution consisting of Admin Panel, APIs, cross-platform Customer App and Delivery Executive App managing online transactions of over INR **2 Crore+** per year and over 2K API CRUD operations on a daily basis.
- Setup a GitHub Actions workflow to create **docker** images on release and then push it to ghcr. Used **NGINX** as a reverse proxy and **Cloudflare** for managing DNS, firewall rules, and SSL.
- Services of Amazon **SES**, Firebase Cloud Messaging, and textlocal APIs for transactional or promotional communications.

Technical Head
Oct 2020 – Dec 2021
Khareedo Indian (E-commerce Startup)

- Planned and developed an **e-commerce** platform to support Indian manufacturers by providing them with a platform to sell their goods with a vision to promote the make in India movement.
- The business managed to convert its **first 100 orders** within 20 days of its launching and managed to generate revenue of over **6+ lakhs** in a span of 3 months.
- Deployed a **LAMP** server with a cron being used for daily backups. To handle emailing services, Amazon SES is used, Cloudflare for CDN DNS and caching handled by Lightspeed Cache Plugin.

Project Maintainer
Jun 2020 – present
Project Avocado (Institute Counseling Service App)

- A cross-platform application developed for NIT Rourkela's **Institute Counselling Service** that provides features such as realtime timetable, one to one chat support with mentors, counseling appointment booking.
- The application server is deployed on **DigitalOcean** via a docker image and reverse proxied through **NGINX** to facilitate APIs.
- As an active maintainer, squashed several bugs, reviewed PRs and added latest features. With **daily active users of over 2000** and a Play Store rating of 4.5, the application was featured on Google Dev Library.
- The app is open-sourced on GitHub with over **100+ stars** and was recognised and sponsored by DigitalOcean.

SKILLS

Languages
Javascript, GraphQL, C, C++, Python, Bash Script, Yaml, Dart, Golang

Cloud Infrastructure
GCP, AWS (EC2, S3, Route 53, Lightsail, Workmail, SES, VPC), DigitalOcean, Linode, Oracle Cloud, Azure

Tools and Technologies
Git, GitHub, Cloudflare, Github Actions, NGINX, Docker, LAMP Web Panels and Servers, Kubernetes, Terraform, Jenkins

Systems Administrations
Windows, Ubuntu, CentOS, Debian, Red Hat

Other Tools
Nexus, Docker Hub, Codemagic, Ansible, gcr.io and ghcr.io

PORS

Sponsorship Lead - HackNITR 3.0
- Led the sponsorship team for HackNITR 3.0, NIT Rourkela's annual **student-run hackathon**.
- To increase the team's efficiency, hubspot and notion was used to streamline the workflow. As a result, the drive was completed a month before the hackathon.
- Obtained monetary sponsorship in the amount of **Rs. 2.5 lakhs** and in-kind sponsorship of **Rs. 50k+.** A total of 2000+ hackers attended the event.

Google Cloud Facilitator - 2021
- Helped **172 students** to start their first cloud journey over Google Cloud.
- Conducted doubts sessions and introductory classes to motivate students.
- In order to maintain a smooth flow throughout the program, managed a slack channel and conducted email campaigns.

EDUCATION

B.Tech Ceramic Engineering
(2019 - present))
NIT Rourkela | 7.62/10

INTERESTS

Startups, Devops, Open-Source, Cloud, Investing, Travelling, Public Speaking