VEDANSH GARG

Software Development Engineer - Backend

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EXPERIENCE

OYO

Software Development Engineer 2

📅 July 2021 – Present   📍 Gurugram, India

- Led & executed AWS to Azure Migration for all of Search, Growth & BFF micro-services. **Zero** cloud cost for next 4 years, along with **20%** cloud cost reduction after that.
- Built a Shadow-testing pipeline (for comparing delta in API responses) using Gor, Kafka & Python. Enabled us to test GET APIs using live traffic on Azure systems. Integrated with the Org's docker base image enabling devs to start Shadow testing with zero coding required (using just a few Environment Variables).
- ES version upgrade from 5.x to 7.x (Elastic Cloud minimum supported version). Shadow & AB tested to ensure internal Lucene version upgrades did not drastically affect our ElasticSearch results.
- Developed new Search filters (with filter suggestions) for on-boarding OYO Vacation Homes into our systems. **27%** conversion uplift.

Software Development Engineer 1

📅 Aug 2020 – June 2021   📍 Gurugram, India

- Led the Growth pod in the China Migration project - Global codebase on China infrastructure. Successfully dealt with challenges faced in data migration (AliCloud MySQL to AWS Postgres) and cultural connect.
- Led & developed the In-Store product to reward offline (walk-in) customers & hotel-owners on sign-up, converting them to online customers (higher take rate% compared to offline).
- Developed an in-house Branch alternative (deferred deeplinking) due to its unavailability in China region.

Software Development Intern

📅 Jan 2020 – July 2020   📍 Gurugram, India

- EB to Kubernetes migration of all micro-services of Growth team.
- Devised a price sync spanning across multiple hours for syncing prices to Google which can be supported by downscaled systems. Regained the price coverage to **56%** which had dropped down to 6%.

Coding Ninjas

Software Development Intern

📅 June 2019 – July 2019   📍 Delhi, India

- Dashboard for the Student Experience team to send feedback forms to students in bulk.

EDUCATION

🎓 Thapar Institute of Engineering and Technology

Bachelor of Engineering, Computer Engineering (CGPA 7.68)

📅 Aug 2016 – July 2020   📍 Patiala, India

🎓 S.M Arya Public School

12th Grade (91.2%)

📅 May 2016   📍 Delhi, India

LINKS

LinkedIn
vedansh-garg

GitHub
vedanshgarg

Medium
@vedansh.garg.7

WORKED ON

Docker   Linux   Grafana   Git
Kibana   MongoDB   Hive
GatsbyJS   TypeScript

SKILLS

Java	●●●●◐
ElasticSearch	●●●●◐
Springboot	●●●●○
Kubernetes	●●●●○
Postgres	●●●●○
Ruby on Rails	●●◐○○
React	●●○○○

PROJECTS

SpanTree
- Browser extension for GitLab
- Over 7,000 Global users

Personal Blog Site
- Blog site made using Gatsby
- Deployed using Netlify

2048
- Animated by DOM manipulation using plain JS
- High Score & Touch support

Web Worker Demo
- Stopwatch made in React
- Demonstrates the benefits of using Web Workers for async tasks (Blog)

INTERESTS

Badminton   Table-Tennis   Soccer
Video Games   Reddit   Sketching