

Gaurav Ranjan

Delhi, India | gauravranjan@outlook.com | +91-8826118349 | <https://www.linkedin.com/in/gaurav-ranjan/>

Work Experience (9+ Years)

Urban Clap Technologies Pvt Ltd

SDE3/Engineering Manager

Sep 2020 – Present

Leading a team of 6 engineers creating partner learning management system for the largest base of gig workers platform in Asia

- Created a new ecosystem to automate on job training of **200K partners**
- Created an in-house **Content Management System (CMS)** to support **>200GB** of digital training content
- Brought down training infra cost by **~30%**, **appx 1M\$** by automating the entire training process
- Revamped notification system, sending out **~1M** content-based notifications per day
- Created a new partner landing page, and brought down app loading **p95** response times **by ~75%**
- Optimized **Mongo DB peak loads from 40% to 15%** by adding archival policies, API optimizations and document pipelining

Practo Technologies Pvt Ltd

Lead Software Engineer

July 2017 - Sep 2020

Led Practo Consult product engineering team of 5 members through a **period of 30x growth**

- Scaled up platform operations to handle **12,000 DAU from 300 DAU** within a year
- Brought down active **MySQL connections to 1/3rd**
- Implemented an **archival system integrating AWS Glacier** with retrieval pathways
- **Containerized** the system to scale horizontally by combining Kubernetes, AWS SQS, SNS, PHP FPM
- Incorporated autoscaling policies leading to **cost reduction by 80%**

OOO Marketplaces Pvt Ltd

Founding Member

Jan 2016 - Feb 2017

Part of the founding team of a hyperlocal ecommerce solution, routing orders and connecting vendors to customers

- Passionately owned the complete backend, built on **NodeJS, MySQL, Elasticsearch & Solr**
- Integrated Google GIS APIs with **Mongo DB** to build a real-time solution which **guaranteed delivery within 1.5 hours**
- Central part of end-to-end startup cycle, including investor meetings, customer acquisition
- Continuously developed the order pipeline, culminating in **fulfillment of 1,000 orders/month**

Royal Bank of Scotland IDC

Software Engineer

July 2013 - Dec 2015

Collaborated with the London headquarters on the development of financial products, including an international market settlement platform, a deal lifecycle management system, and a legal trade confirmation & affirmation platform

Adobe, Software Engineering Intern

Jan 2013 – June 2013

Academic Background

B. Tech, Information Technology, IIIT Allahabad – 8.6/10

July 2009 – June 2013

Skills

NodeJS, Typescript, MongoDB, ReactJS, Kafka, Symfony PHP, Python, Java, Spring boot, Golang, Memcached, Firebase, Nginx, Kubernetes