

Sajal Sharma, Engineering Lead

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LINKS

[Website Portfolio](#), [LinkedIn](#), [Medium](#), [Freecodecamp](#), [Github](#)

EMPLOYMENT HISTORY

May 2020 — Present	Founding Member & Engineering Lead, Orange Health (YC S20)	Remote
	<ul style="list-style-type: none">• 1st employee of the Organization, joined on Day 1, built systems from 0 MRR to 3.5 Cr MRR.• Built central Authentication Microservice using JWT in 2 days that powers 6 microservices.• Built central Payment Microservice by integrating Razorpay, used by 3 microservices.• Built Matching Engine (Scheduling Microservice) that matches customers with Phlebotomist on-demand and slot wise that include Calendar/Roster Management, Slot Management, Geofencing, City/Hub Management. Caters to Logistics and Reverse Logistics of the supply chain.• Built Central Backend Microservice that caters to Orange Health Apps and web (both Doctor and Patient) that connects with PostgreSQL, Firebase Realtime DB (for Chat service), Firebase cloud functions, Redis, AWS SQS (for Async operations).• Built Central Communication Microservice for SMS, WhatsApp and Email notification.• Built internal dashboards using Low-code platform Retool.• Dockerised all the repositories. Created Kubernetes clusters for staging and production environments.• Setup Application Logging Architecture and guidelines using Datadog.• Setup & Monitor backend systems using New Relic APM.• Setup Caching Clusters and architecture on AWS Redis managed service.• Setup Backend error logging pipeline using Sentry and Slack notifications.• Setup Django boilerplate for Python micro-services and published it as open source.• Trained Software Engineers to become standalone Product Engineers.• Took care of Product requirements without a PM for initial 1.5 years of the org alongside the founders.• Supported as 1st respondent of Production issues for 2 years (avg resolution time - 10 minutes)	
Mar 2019 — Apr 2020	Engineering Lead, Flobiz (Formerly Koinex) - Backend Developer	Bengaluru
	<ul style="list-style-type: none">• Setting up the boilerplate for Phoenix based application (Elixir language) including Error and Application logging using Airbrake.• Led the implementation of JWT based authentication service.• Analytical study of business health of MSME sector by architecting Tally data in PostgreSQL.	
Oct 2017 — Mar 2019	Sr. Software Engineer, Practo Technologies - Backend Developer	Bengaluru
	<ul style="list-style-type: none">• Used Firebase for socket connections between devices and NoSQL database.• Created differential pricing model architecture for different specialities based on geographical locations.• Managed deployments for Practo Consult Service (Practo's Product) and took care of the infrastructure (Cron server, Worker server, the Application server).	
Jun 2015 — Sep 2017	Software Engineer, Practo Technologies - Fullstack Developer	Bengaluru
	<ul style="list-style-type: none">• Created Doctor web answering platform for questions asked to them by consumers of the service.• Contributed and maintained Ray Follow-up (a chat feature which enables patients to chat with their doctor after their physical appointment).	

EDUCATION

Aug 2013 — May 2015	M.Tech Computer Science - 8.55 CGPA, IIIT Hyderabad	Hyderabad
Aug 2009 — Jun 2013	B.Tech Information Technology - 85%, MAIT, GGSIPU	New Delhi
Apr 2007 — May 2008	12th CBSE - 91.4%, KV Shalimar Bagh	New Delhi

SKILLS

Redis	Firebase
Python, Django	Docker/Kubernetes
PostgreSQL/MySQL	AWS ECR + s3 + SQS, etc