

Mohit Jain

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Seasoned Technical Lead with over 12 years of experience designing and implementing, and scaling medium to high throughput web applications while managing and mentoring teams and products.

Skills

- Ruby, Ruby on Rails, Java, Javascript, Python
- Mixpanel, Google Analytics, New Relic
- MySQL, Postgres, DynamoDb, MongoDB
- Redis, Memcache, Elasticsearch
- AWS, Heroku, Digital Ocean

WORK EXPERIENCE

Senior Software Developer - Amazon, Gurgaon, Jan 2021 - Current

- **Tech Stack** - Java, DynamoDB. AWS Services like ECS, EC2, Lambda, DynamoDb, RDS, ElasticSearch, Cloudformation, SQS
- **Amazon Pharmacy**
 - Designed, implemented and integrated an end-to-end framework for prescription verification with multiple third-party service providers.
 - Designed, implemented, and integrated an end-to-end framework for Pharmacy as a service, which enables vendors to enable customers to buy prescribed medicines from Amazon with one click.
 - Designed and implemented a ConsultationResponse Validator and Fixer layer for inadequate consultation responses sent by third parties, reducing the stuck orders from 32% to 1% and overall turnaround of an order confirmation from 4 hours to less than 1 hour.
- **Amazon Easyship - Sellers Central Portal**
 - I have worked on designing, developing and delivering platform services and features by solving existing pain points for the customers and developing new ways to enhance the customer experience at Amazon.
 - Was responsible for handling multiple services like Warranty Generation service, Seller Registration and Seller Notifications.

Senior Software Developer - Booking.com, Amsterdam, Jan 2020 - April 2020

- **Tech Stack** - Perl, Mysql
- Understood the commission structure for 100s of contracts and proposed a better solution to fix that revenue leakage.

Co-Founder - ClosedWon, Gurgaon, March 2018 - Dec 2019

- **Tech Stack** - Ruby on Rails, Postgres, Redis, AWS, Lambda, SQS
- Designed and scaled an end-to-end solution for sales enablement platform processing **10M events per hour at peak**, with the tech team of 2 people.

- Created Email, SMS, Call, and Twitter-based automation of sales campaigns to improve sales efficiency.

Software Engineering Manager - Travel Triangle, Gurgaon: June 2017 - Feb 2018

- **Tech Stack** - Ruby on Rails, Postgres, Redis, Elasticsearch, AWS
- Led the team responsible for splitting the monolith into microservices.
- Created the framework of inter-service communication between microservices.
- Extracted the Payments and Notification system from the monolith and created independent services.
- Completed the data migration of the payments service with all payment-related reporting tools.
- Created systems in place to avoid cascading failures of services.

Software Engineering Manager - OYO, Gurgaon: Mar 2016 - May 2017

- **Tech Stack** - Ruby on Rails, Postgres, Redis, Elasticsearch, AWS
- Built and lead the team for Offline, B2B, Packages and Affiliate sales.
- Proposed and built products for corporates and travel agents, which generated more than 30% of OYO Revenue. The solution includes custom integration with HRM / ERP solutions, Pricing, Hotel Booking, auto-commissioning, flexible pricing, Reporting and Account Management.
- A platform for OYO's Sales managers across the country to create and manage bookings. The solution includes ease of capturing leads, lead to a booking, quotation and customisations.

Senior Software Developer - SplashMath, Gurgaon: Oct 2013 - Oct 2015

- **Tech Stack** - Ruby on Rails, MySQL, Redis, Memcache, Elasticsearch, AWS
- Strategically initiated, designed and lead the development and releases of SplashMath, an educational product for The Web and iPad Devices.
- Scaled the system from **1M** users to **10M** users.
- Developed the system to sync a massive amount of data from ~5M devices and optimised the average sync time from **2.6s** for 1M to **150ms** for 10M users.
- Designed and implemented event-driven components that processed ~8M events/day.
- Built a reusable caching framework for ActiveRecord models backed by Memcache.
- Continuously owned, monitored and improved code quality, performance and availability.

Senior Software Developer - Fizzy Software, Gurgaon: April 2011- Aug 2013

- **Tech Stack** - Ruby on Rails, MySQL, Memcache, Heroku
- Conceptualized, prototyped, developed, deployed and analysed products.
- Built products for employee performance management, email/SMS groups, image/video sharing and CRM

Co-founder - Binary Mesh, Gurgaon: July 2009 – Feb 2011

- **Tech Stack** - Ruby on Rails, PHP, MySQL, Heroku, Linode
- Stripe Analytics: Metrics and engagement tools for SaaS & subscription businesses using Stripe
- Bonfire: Online greeting cards, gifts etc., web application.
- Dealdey: Website for deals.

EDUCATION

Bachelor of Technology (B.Tech.) in Computer Science from Y.M.C.A. Institute of Engineering, Faridabad, 2009