

Abhinav Singh

· SOFTWARE ENGINEER ·

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“Be the change that you want to see in the world.”

Education

NSIT(Netaji Subhas Institute of Technology)

2011-2015

B.E. IN ELECTRONICS AND COMMUNICATIONS ENGINEERING

6.2 CGPA

Kendriya Vidyalaya

2011

CBSE XII

83%

Kendriya Vidyalaya

2009

CBSE X

86%

Skills

Programming JAVA, SQL, nodejs, C/C++, Python

Web HTML, CSS, javascript, jQuery

Framework Spring, Hibernate

Tools Git, Jira, IntelliJ

Experience

Paytm - Fastag

SENIOR SOFTWARE ENGINEER

October 2019 - Present

- Built up new Fastag-issuer system from scratch
- Responsible for reporting service, issuance, asset-handler
- Closely monitored and provided necessary support while we take services live in full throttle
- Built tag transfer feature using retryable and state-resume-able spring state machine
- Worked on building new dispute system from scratch
- Designed and implemented end-to-end workflow for acquirer-initiated disputes

Paytm - Movies

SENIOR SOFTWARE ENGINEER

Jan 2019 - September 2019

- Part of performance team
- Identified bottlenecks in existing key APIs
- Scaled APIs to support 5x traffic seen on production
- Benchmarked new microservices being built and resolved bottlenecks
- Built pipelines to benchmark APIs before every release
- Build extensive platform to subject systems to various faults, to test out fault tolerance of systems

Paytm - Mall

SOFTWARE ENGINEER

Jan 2018 - Dec 2018

- Part of catalog team
- Migrated inventory module from node js to java
- Overlooked A/B traffic migration of service to new servers
- Designed a fully automated auto storefront creation feature for select merchants
- Built CSV thru FTP feature to reduce manual efforts in inventory and price updates
- Identified gaps and built a reconciliation job to released blocked inventories

Mobikwik

SENIOR SOFTWARE ENGINEER

Nov 2016 - Dec 2017

- Added refund queuing feature.
- Build a comprehensive feature to monitor and mark downtimes
- EBS and payzapp integration.
- Built and provided end to end support for settlementAPI
- Mitigated high traffic load by adding multi threading to bank check API
- Build gateway routing rule engine.

Mobikwik

SOFTWARE ENGINEER

Jul 2015 - Present

- Part of core payment gateway team.
- Responsible for introduction of new payment methods
- Introduced Spring Security into a module.
- Automated staging deployment (tomcat) using shell scripting
- Introduced OAuth 1.0 framework for integration of Masterpass
- Wrote payment backend for Auto-Maintain Balance feature in mobikwik.
- Restructured old APIs to support latest encryption technologies

Interests

Learning about latest developments in technology, AI and physics.,

Watching tv series, Listening to podcasts,