

Deepak Rawat

Software Engineer

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Software engineer with 7 years of experience building highly scaled web applications. My expertise is in the JavaScript ecosystem. I also have significant experience of design, implementation and maintenance of backend systems.

Experience

2017/02 - present

Senior Software Engineer

Google via Epam Systems

Alkali Platform

- I am part of the team that develops and maintains web apps build using Alkali platform. Gandalf, Waze, TFScheduler, Chameleon and SmartTap are some of the apps that I work on daily basis. These apps are used by Google's partners to interact with Google in a consistent and scalable way.

AppCertifier

- Responsible for the design, development, integration and testing of the AppCertifier web client. Integrations involved, web client pairing with Android instances hosted on Google Cloud (via VNC protocol over web-sockets). Along with that, web client was responsible for listing/filtering realtime traffic data generated by android instances via Firebase.
- I was also part of the architectural discussions and improvements to the app. At the later stage of the project, I got the chance to configure LBs, Firewall rules, DNS/Domain names and IAM on top of the compute engines and the app engines.

2016/01 - 2017/01

SDE 2

Microsoft

- Primary responsibilities included building new features for Visual Studio marketplace. With my work at client side, I was able to bring down the doc size of the homepage from 240 Kbs to 37 Kbs.
- I was part of a 4 member team which was responsible for end to end migration of 10,000+ extensions from <https://visualstudiogallery.msdn.microsoft.com/> to <https://marketplace.visualstudio.com/>. I owned the transition of all end user and publisher activities to marketplace, and along with that contributed in writing the migration jobs to migrate extension and user data. I was also responsible for setting up the test environment for testing the migration scripts.

2014/11 - 2016/01

Senior Software Engineer

Quikr

- Primary responsibilities included bootstrapping the real estate portal <http://www.quikr.com/homes> on a new technology stack with an initial 4 member team.
- Architecting the web client MVP(map search/filtering/post ad/ detail page) on AngularJS within the strict deadline set by the product team.
- I also got the opportunity to mentor a group of 8 Front End Developers in development and integration of features and adhering to the coding guidelines.
- At the later stage of my work, I automated the build process with Gulp/Browserify and educated the team with the same.

2012/03 - 2014/11

Lead Engineer

99acres

- Primary responsibilities included improving the buyer workflow of the system and streamlining the user experience by working together with the product team.
- Implemented and Integrated a Bot Detection Algorithm along with Captcha to prevent automated abuse on user submitted responses to improve the quality of leads by nearly 70%.
- Integrated an Apache Service, Flume for efficiently collecting, aggregating, and moving nearly 6M of log entries everyday which was earlier done in an inefficient way.

2010/08 - 2012/03

Software Engineer

Paytm

- Researched and worked on a Recommendation system that was based on a content filtering approach to recommend content based on user history. The Recommendation system was
- Implemented a web service(Router) to wrap zone-wise instances of Recommendation System and Rule Engine under it and keep track of all the requests and responses being served.
- Wrote a load tester for benchmarking the Recommendation Engine API. The tester proved critical in setting up the limits on the TPS that the system could support during peak hours of usage.

Education

2006/06 - 2010/07

Bachelor Of Engineering In Computer Science

(Delhi College Of Engineering)

Technologies

Web Development: JavaScript, Angular2, AngularJS, jQuery, HTML, CSS, RxJS, Polymer

Languages: PHP, NodeJS, Java, C#

Databases: Firebase, MySQL, MongoDB, Neo4J

Version Control: GIT, SVN

Caching: Memcache, Redis

Frameworks: PHP (Laravel, CodeIgniter), C#(.NET), Java(Hibernate), Node(Express)

Cloud Familiarity: Google Cloud, AWS