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DEEPAK RAWAT

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Full-stack developer with hands on experience in building highly scalable web applications.

WORK EXPERIENCE

Software Engineer

10/2018 to Present
Apple, Ad Platforms
Hyderabad, India

- As a backend developer, I am responsible for developing new features for the Workbench which involves hashing requirements from the product team, collaborating with Frontend Team, integrating services provided by Core Services, Serving and Data team.
- Currently, leading a team of developers for implementing a set of new requirements which are part of our contractual renewal with NBCU. From the integration standpoint, I am responsible for developing new endpoints and upgrading existing endpoints.
- As part of Canada Expansion, we extended the support for advertising on Apple News and Apple Stocks in Canada. I was primarily involved in restructuring the code and configurations to support Canada and implementing Canada specific features.
- Prototyped and Integrated FFMPeg an open-source library for transcoding video ads uploaded by Publishers and Resellers on Workbench. FFMPeg replaced AWS Elemental which was going to run out of contract and was difficult to manage on On-premises.

Software Engineer

02/2017 to 10/2018
Vendor at Google via Epam Systems
Hyderabad

Alkali Platform

- Was part of the team that was responsible for developing and maintaining web apps build using Alkali platform, which is an internal platform-as-a-service built with Angular and Java. Gandalf, Waze, TFScheduler, Chameleon and SmartTap were some of the apps that we were responsible for. These apps were used by Google's partners to interact with Google in a consistent and scalable way.

AppCertifier (Prototype)

- In a 3 member team, I was 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, the web client was responsible for listing/filtering real-time traffic

- data generated by android instances via Firebase Integration.
- Was actively involved in the architectural discussions and improvements for the app. At the later stage of the project, I got the chance to configure Load Balancers, Firewall rules, DNS/Domain names and IAM on top of the compute and the app engines.

SDE 2

01/2016 to 01/2017

Microsoft, Azure

Hyderabad, India

- Primary responsibilities included building new features for Visual Studio Marketplace. With the work I did at the client side, we were able to bring down the document size of the homepage from 240 Kbs to 37 Kbs.
- Later, I was part of a 4 member team responsible for end to end migration of 10,000+ extensions from https://visualstudiogallery.msdn.microsoft.com/ to https://marketplace.visualstudio.com/. I owned the migration of end user and publisher activities on 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 validating the migration strategy.

Senior Software Engineer

11/2014 to 01/2016

Quikr, Homes

Bangalore, India

- 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.
- Mentored a group of 8 Frontend developers in development and integration of features and adhering to the coding guidelines.
- Automated the build process using Gulp/Browserify and educated the team with the same.

Software Engineer

03/2012 to 11/2014

99acres.com

Noida, India

- Primary responsibilities included improving the buyer workflow and streamlining the user experience by working together with the product and design team.
- Implemented and Integrated a Rate Limiter along with Google reCAPTCHA to prevent automated abuse on user submitted responses to improve the quality of leads by nearly 70%.
- Proposed and Integrated Apache Flume for efficiently collecting, aggregating and moving nearly 6M log entries everyday which was earlier done in an inefficient and non scalable way through SQL replications.

EDUCATION

Delhi Technical University
Bachelor's
Computer Science
Delhi, India
06/2006 to 06/2010

ADDITIONAL INFORMATION

Tech Stack
- Web Development: JavaScript, Angular2, AngularJS, jQuery, HTML, CSS, RxJS, Polymer
- Languages: PHP, NodeJS, Java, C#Databases: Firebase, MySQL, MongoDB, Neo4J
- Version Control: GIT, SVNCaching: Memcache, Redis
- Frameworks: PHP (Laravel, CodeIgniter), C#(.NET), Java(Spring, Hibernate), Node(Express)
- Cloud: Google Cloud, AWS

LINKS

https://www.linkedin.com/in/deepak-rawat-0b7a3920/