

Pramod Nanduri

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<http://linkedin.com/in/pramodnanduri>

Education:

- Pursuing Masters in Computer Science & Engineering, Santa Clara University.
- Bachelors in Electronics and Communication Engineering, Andhra University.

Relevant Coursework: Advanced Design & Analysis of Algorithms, Operating Systems, Computer Architecture.

Technical Skillset: Java, MySQL, HBase, Shell, C, JavaScript, HTML, CSS, Web Services, REST, SOAP, Cloud.

Professional Work Experience:

Lead Software Developer, ZohoCorp Pvt Ltd

July 2013 - July 2017

- Architected and developed critical Spam reduction algorithms that reduced overall spam emails entering into ZohoMail SAAS based web service from 50% to about 3% using Java, MySQL, HBase, Redis, Memcached, Shell, SOAP technologies as a module Owner.
- Designed and implemented reputation based intelligent abuse control system which increased email deliverability rates on an average of 10M compared to 5M emails per day using Java, HBase following Agile(Scrum) methodologies.
- Devised push notification and smart filter modules which scaled the message processing rates to about 20M instant push notifications via websockets, APNS and GCM cloud integrations based on Java, MySQL, Redis.
- Optimized storage systems and developed a cloud based message delivery framework using HBase queue based communication across servers which promoted me as Lead developer

Software Engineer, Infosys Limited

July 2011 - July 2013

- Awarded as **Best Employee** from FSI vertical for best performance in SPIDER project modules.
 - Delivered bug free modules through validation of millions of data generated by client sandboxes of cloud based SPIDER web service using SQL, Java.
 - Developed Dynamic homepage screens, privilege based screens, login and signup screens for Appraisal Management System using Java EE, JSF, JPA, JavaScript, jQuery, CSS.
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Personal Projects:

- **Groupsone.com:** Designed and implemented groupsone.com website, where users can search for useful social groups with Java, MySQL, Twitter Bootstrap and Heroku based hosting with GIT code management. Currently serving thousands of requests everyday.
- **Spotjourney.com:** Developed and launched a chrome extension, where users will be able to book Indian railways train tatkal tickets in fraction of seconds during peak load time hosted on AWS.

Academic Project:

- **Process Throttler, Operating Systems:** Analysed and implemented project on process resource monitoring and throttling focused on Operating systems and algorithms. This project helped us reduce the system costs from client end avoiding extra resource billing by service provider.
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Activities:

- Winner of badminton championship and Man of the match award winner for cricket cup, Zohocorp.
- Microsoft specialist certified HTML/CSS/JavaScript developer.