

Pramod Nanduri

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

Education:

- Completed Masters in Computer Science & Engineering, Santa Clara University, 3.59, June 2019.
- Bachelors in Electronics and Communication Engineering, Andhra University, 3.4, June 2011.

Relevant Coursework: Advanced Design & Analysis of Algorithms, Operating Systems, Android App development, Pattern recognition and data mining, Computer Architecture.

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

Professional Work Experience:

Software Engineer Intern, Coupang(Current)

June 2018 - Present

- Architected and implemented distributed, configurable queue framework that runs on top of AWS queuing system (SQS) which allowed our coupang global business to process about 10M messages each day spanning across multiple queues using Java, AWS, DynamoDB, SNS.

Lead Software Developer, ZohoCorp Pvt Ltd

July 2013 - July 2017

- Architected and developed critical Spam reduction algorithms that reduced overall spam emails entering into Zoho Mail 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 10 M 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 implemented distributed cache for 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 for delivering 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.

Handpicked Personal & Academic Projects:

- **ClipIt Universal Copy:** Architected and developed Universal copy paste Android application which can do a distributed copy paste of content and files across multi platform devices based on Google Firebase, Android Platform, Realtime database, Google Cloud Push notifications.
- **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.

Competitions & Activities:

- Received 1st Prize in BroncoHack 2018 Coding competition for developing Vision app for Blind people using Raspberry PI, Android App development, Web Servers and AWS.
- Microsoft specialist certified HTML/CSS/JavaScript developer.
- Winner of badminton championship and Man of the match award winner for cricket cup, Zohocorp.