

Neelam Choudhary

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EDUCATION

08/2015 - 05/2017 **San Jose State University, San Jose, CA**

- MS in Software Engineering. Course work and projects included mobile development, cloud technologies, software design, and virtualization. *Projects listed below*

08/2008 – 06/2012 **Jawaharlal Nehru Technological University, Hyderabad, India**

- BS in Computer Science. Course work included advanced data structures and algorithms, distributed programming, software engineering, and database management.

WORK EXPERIENCE

07/2016 - 09/2016 **SaaSDirect: Software Engineer Intern**

- Worked on full-stack development of SaaSDirect e-commerce website. Now featured live on SaaSDirect.co.
- Studied user experience and made several recommendations for usability improvements to increase sales. Increased user engagement rate by 15%. Direct report to the CEO.

11/2012 – 07/2015 **Oracle: Software Engineer**

- Developed and maintained new product functionalities and third party APIs in Oracle Flexcube banking product.
- Created SQL scripts to generate business intelligence reports on large & complex datasets. And optimized scripts for improving report generation time.
- Performed unit & integration testing that significantly reduced product implementation time onsite.
- Documented detailed functional & technical specification documents of the development releases.

PROJECT WORK

- App testing platform:** It's a cloud based web application platform for connecting app developers and user testers for on-demand app usability testing.
- Pet Adoption Web Application:** PetAdopt is a single page web application for facilitating pet adoption process of a pet shelter.
- Virtualization using Docker:** A distributed app, with a node.js process running in one Docker container and a database process in another. This app is platform independent and can shipped and built in any virtual machine or cloud environment.
- AR based E-commerce App:** An augmented reality based e-commerce app where the user can see a product in Augmented 2D and 3D view before buying it.
- Voice Controlled Virtual Reality App:** A VR App where users can view and change virtual scenes using voice commands. Voice is received by Amazon echo or a speech recognition mobile app.
- Event Capture App:** Full stack android app for current news affairs using MVP architecture.

TECHNICAL SKILLS

Java (Primary)	JavaScript (Node.js, AngularJS)	Oracle Database	AWS Cloud, Unix,
SQL	HTML5, CSS3	MySQL	GitHub, SVN, Jenkins
C++	Android (with RxJava, Retrofit,	MongoDB	Unity3D, Web-sockets,
Python	Dagger2.)		REST, SOAP APIs, Docker
Shell Script	Swift		Apache Tomcat, Spark, Kafka.

ADDITIONAL INFORMATION

- J.N.V. Scholarship recipient:** Selected amongst 30036 students from over 1 million candidates to receive full funding (All educational and living expenses) until graduated high school. *More info at <http://www.nvshq.org/>*
- Volunteering and teaching experience,** including Indian Youth Climate Network, a climate change NGO; Introduction to programming (C++) to high school students, and Distributed computing seminar in College.