

# Nachiket Joshi

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## Seeking Summer 2017 Internship and/or CO-OP Opportunities as Software Engineer

### EDUCATION

Master of Science in Software Engineering, San Jose State University, CA (GPA: 3.43)  
BE in Computer Science and Engineering, Nagpur University, India (GPA: 3.3)

**August 2016 - May 2018**  
**August 2009 - May 2013**

### SKILLS:

<b>Languages</b>	Java, C++, Pl/Sql, Android, Python(Beginner)	<b>Databases</b>	MySQL, MongoDB, DB2, GraphDB, Redis
<b>Web</b>	AngularJS, CSS, HTML, JavaScript, Node.js	<b>Libraries</b>	Bootstrap, D3.js, Express, Passport.js, Require.js
<b>Cloud</b>	AWS, Heroku IBM, Bluemix	<b>Collaboration</b>	GitHub, Kanban, Scrum, Waffle-IO
<b>Middleware</b>	JDBC, KAFKA, RabbitMQ	<b>Testing</b>	Chai, JMeter, JUnit, Mocha

### PROFESSIONAL EXPERIENCE:

#### San Jose State University : Research Assistant in Crowd Sourcing Platform for MTaaS

**April 2017 - Present**

- Design and development of a Crowd Sourcing platform for Mobile Testing as a Service (MTaaS) cloud platform.

#### Accenture India : Software Engineer

**August 2013 - July 2016**

Three years of experience in Software Design and architecture in Java and PL/SQL.

### RESPONSIBILITIES AND ACCOMPLISHMENTS:

#### Technology Stack

JAVA, PL/SQL, UNIX, Shell Scripting, OWB

- Agile team with DevOps responsibilities of an insurance company maintained desktop application.
- Complete ownership of providing backend support to client tool and core commissioning database.
- Created AutoSys and Client-Reporting tasks through Crystal Reports, shell scripts to reduce daily overhead by 15%.
- Used extensive PL/SQL, JAVA to develop commissioning scripts and deploy change requests in desktop application.
- I was awarded **Delivery Champion and Rising Star of the Month** to celebrate my good work in office.

### ACADEMIC PROJECTS:

#### Multiplayer 2D game using Software Design Patterns (<https://tinyurl.com/gnqs6ln>)

**August 2016 - December 2016**

- Technology (Java)** : Java, Restlet, Greenfoot, Kanban (waffle.io), Scrum, Design Patterns, Git, Docker
- Designed a multiplayer game following agile methodology - Kanban (Waffle-IO) and Sprint Burndown charts.
- Used different Software Design Pattern like State, Observer, Singleton and Factory.
- Hosted the game on AWS with Docker Hub.

#### Multi-Tenant SaaS App solution on AWS cloud for UML parser

**February 2017 - May 2017**

- Technology (Full Stack)** : Amazon AWS, Load Balancer, Autoscaling, VPC, EC2 Container Service, Docker, Mean Stack
- Developing a single page app for Java Source code of UML parser to be submitted and graded.
- The app implements the feature toggle to provide tenant specific customization for grading the Java Code.
- The app demonstrates use of Amazon VPC, Load balancer for application scalability in a distributed environment.

#### Enterprise Distributed System : Airbnb Prototype (<https://tinyurl.com/zs4gvqk>)

**August 2016 - December 2016**

- Technology (MEAN Stack)** : MEAN stack, JMeter, Chai, Mocha, Passport.js, RabbitMQ, jQuery, Redis, D3.js, Charts
- Designed a single prototype of page peer-to-peer online marketplace and homestay network application, Airbnb.
- Performance improved by 15% by implementing connection pooling, RabbitMQ, CDN and Redis caching.
- User analytics designed using Winston, Google analytics, d3.js and jQuery event catching.

#### Slack Bot Framework BotMan (<https://tinyurl.com/hth3ehe>)

**August 2016 - December 2016**

- Technology (Full Stack)** : Node.js, AngularJS, JavaScript, jQuery, Heroku PaaS, JSHint, CodeMirror, Git
- An EC2 hosted framework to build and deploy SlackBots using Heroku cloud PaaS.
- Framework helps a user program the bots by providing a JavaScript editor environment using CodeMirror and JSHint.
- Recognized as one of the best innovative projects during the semester Fall 2016. (<https://tinyurl.com/jbbjph9>)

#### Hackathon Winner : Smart-Kitchen (<https://tinyurl.com/h97ekgs>)

**October 2017 - January 2017**

- Technology (Android-Java)** : Android, Java, Node.js, firebase cloud messaging, python, Git
- Developed IoT-based android app-server that makes your kitchen smarter by using ENY button and Neura SDK.
- Project won 1st prize from The Neura and got published on Company's blog. (<https://tinyurl.com/h7sbhla>)