Nachiket Joshi

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Seeking Summer 2017 Internship Opportunities as Software Engineer

EDUCATION:

• **Master of Science in Software Engineering,** San Jose State University, CA	**Aug 2016 - May 2018(Expected)**
• **Bachelor of Engineering in Computer Science and Engineering,** Nagpur University, India	**Aug 2009 - May 2013**

SKILLS:

Languages	Java, C, C++, Python	**Web**	Node.js, AngularJS, JavaScript, HTML5, Bootstrap
Front End Libraries	jQuery, CSS, REST, Express	**Node Libraries**	Underscore.js, D3.js, Passport.js, Require.js, node-cmd, TIMEME
Cloud Technologies	IBM Bluemix, Heroku, AWS	**Databases**	MySQL, MongoDB, DB2, GraphDB, Redis
Middleware Services	RabbitMQ, JDBC, KAFKA	**Testing**	JUnit, Mocha, Chai, JMeter
Operating System	Linux, Windows	**Big Data**	Hadoop, Spark (Beginner)

WORK EXPERIENCE:

Company: Accenture, India - Software Engineer	**Aug 2013 – July 2016**

Three years of experience as a Software Developer Analyst and Delivery Specialist in PL/SQL and Java.

PROJECTS:

AMSC Barclays (ACCENTURE)   **Oct 2013 – Jan 2014**

Technology Stack   JAVA, PL/ SQL, UNIX, Shell Scripting
- Automated multiple reconciliation strategies. Created and scheduled AutoSys Jobs, which optimized business process by 15%.
- Performance changes measured with Intellimatch Operational Control for Reconciliation and management system.

SAL Generali Business Solutions (ACCENTURE)   **Jan 2014 – July 2016**

Technology Stack   JAVA, VB, OWB, UNIX, Shell Scripting, PL/ SQL, PVCS
- Used extensive PL/SQL and JAVA to develop commissioning scripts and deploy change requests in the front-end tool.
- Automated many client-reporting tasks through Crystal Reports and shell scripts, thereby reducing daily execution overhead by 10%.
- Suggested optimized database designs through ETL tool 'Oracle Warehouse Builder' (OWB).

Slack Bot Framework - BotMan (SJSU)   **Aug 2016- Dec 2016**

Technology Stack   Node.js, AngularJS, JavaScript, jQuery, Heroku Cloud Platform, Amazon S3, JSHint, CodeMirror, Git
- An EC2 hosted framework to build and deploy **SlackBots** using Heroku cloud Platform-as-a-Service. The framework helps a user to program the bots easily by providing a JavaScript editor environment using CodeMirror and JSHint.
- **Recognized as one of the top ten innovative projects during the semester.**

Smart-Kitchen (Hackathon)   **January 21st, 2017**

Technology Stack   Android, Node.js, firebase cloud messaging, python
- ENY Hackathon was organized by Quantum, Panasonic and the Neura INC at San Francisco. Product was an IoT- based android app and server, which helps you make your kitchen smarter by using ENY button and Neura SDK.
- **Project won 1st prize from The Neura and got published on Companies blog**.

Multiplayer Game Development in Java using Agile Methodology (SJSU)   **Aug 2016- Dec 2016**

Technology Stack   Java, Restlet, Greenfoot, Kanban (waffle.io), Scrum, Design Patterns, Git
- Designing a multiplayer game in Greenfoot using restlet and Software Design Patterns and hosting it on Docker Hub.
- Implemented Agile Methodologies with Kanban Board (waffle.io) and used Sprint Burndown charts to document weekly work logs.

Ebay Prototype using Node.js, HTML5 and AngularJS (SJSU)   **Aug 2016- Dec 2016**

Technology Stack   MEAN stack, JMeter, Chai, Mocha, Passport.js, RabbitMQ
- Simulation in HTML5, AngularJS. RESTFUL Server in Node.js with message queues. Passport.js and BCrypt for encryption.
- Testing the application with Chai, Mocha, JMeter.

Airbnb Prototype using Node.js, HTML5 and AngularJS (SJSU)   **Aug 2016- Dec 2016**

Technology Stack   MEAN stack, JMeter, Chai, Mocha, Passport.js, RabbitMQ, jQuery, Cron, Redis, D3.js, Springy, Charts
- User analytics studied with Winston, Google analytics, Timeme, nvd3 Re-usable charts for d3.js and jQuery event catching.
- To improve the performance by 15%, implemented connection pooling, Redis caching, RabbitMQ.

RESEARCH PAPERS:

TITLE: CYBERCRIMES, ATTACKS, VULNERABILITIES AND SECURITY (coauthor)   **December 20, 2012**

Technology Stack   BackTrack OS, Shell Scripting, JAVA
- We discussed different types of cyber crimes and learned how security can be practiced through different techniques.

CERTIFICATION AND TRAINING:

• Cyber Security Expert V2.0	**Starting Aug 2012**