Nachiket Joshi

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Seeking Summer Internship Opportunities as Software Engineer for May 2017

EDUCATION:

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

SKILLS:

Languages: Java, C++, Python, VB.net, C   **Web:** NodeJS, AngularJS, JavaScript, HTML, CSS

Cloud Technologies: IBM Bluemix, Heroku, AWS   **Databases:** MongoDB, Spark(Novice), MySQL, DB2, GraphDB

Node Libraries worked: RabbitMQ, D3 JS, Passport JS, Require JS, Mongoose, node-cmd, child-processes, TIMEME, mongoose

Operating System: Linux, Windows, Mac   **Testing:** J-Unit, Mocha, Chai, J-meter

WORK EXPERIENCE:

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

- Used extensive PL/SQL while developing incentive commissioning scripts and Crystal reports to generate BI objects
- Developing and deploying change requests in JAVA in the front-end of company maintained Insurance commissioning tool.
- Used Polytron Version Control System (PVCS) while development and Collaborating with COBOL back-end team.
- Worked on ETL tool 'Oracle Warehouse Builder' (OWB) to design and optimize Database Usage.

PROJECTS:

AMSC Barclays: Domain- Investment Banking   **Oct 2013 – Jan 2014**

  Technology Stack: JAVA, PL/ SQL, UNIX, Shell Scripting,

- Exposure to banking tools such as, Intellimatch Operational Control for Reconciliation and AutoSys Job management system

SAL Generali: Domain- INSURANCE   **Jan 2014 – July 2016**

  Technology Stack: OWB, JAVA, UNIX, Shell Scripting, PL/ SQL, PVCS

- Worked on ETL tool 'Oracle Warehouse Builder' (OWB) to design and optimize Database Usage.
- Developing and deploying change requests in the front-end of a company maintained Insurance commissioning tool.

ACADEMIC PROJECTS:

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

  Technology Stack: Java, Greenfoot, Kanban (waffle.io), Scrum, Design Patterns, Git

- Designing a multiplayer game using Greenfoot and Software Design Patterns and hosting it on AWS with Docker hub..

Designing an Ebay Marketplace Prototype using REST (Node.js), HTML 5 and Angular JS (SJSU)   **Aug 2016- Dec 2016**

  Technology Stack: MEAN stack, JMeter, Chai, Mocha, PassportJS, RabbitMQ

- Simulation in HTML6, AngularJS. RESTFUL Server in NodeJS with message queues. PassportJS and BCrypt for encryption.
- Testing the application with Chai, Mocha, JMeter.

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

  Technology Stack: MEAN stack, JMeter, Chai, Mocha, PassportJS, 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.

Slack Bot Framework - BotMan (SJSU) [Projecturl : https://goo.gl/RJ3Tdx **]**   **Aug 2016- Dec 2016**

  Technology Stack: NodeJS, AngularJS, JavaScript, jQuery, Heroku Cloud Platform, Amazon S3, JSHint, CodeMirror, Git

- A EC2 hosted framework to build and deploy slackbots using Heroku cloud Platform-as-a-Service.
- Help a user program the bots easily by providing a JavaScript editor environment using CodeMirror and JSHint.

RESEARCH PAPERS:

TITLE: CYBERCRIMES, ATTACKS, VULNERABILITIES AND SECURITY (coauthor) Link: [https://goo.gl/7V9BAV**]**   **December 20, 2012**

  Technology Stack: Bootstrap 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**
- AMCAT Certified Software Development Trainee: **Starting Sept 2014**
- AMCAT Certified Data Processing Specialist: **Starting Sept 2014**