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OBJECTIVE: Seeking Internship in software engineering for summer 2015.

Educational Qualifications

Master of Science in Software Engineering GPA 3.4 Expected May 2016
San Jose State University, San Jose, CA

Bachelor of Technology: Information Technology Aug 2007 - June 2011
Jaipur Engineering College and Research Center, Jaipur, Rajasthan

Relevant Coursework, Enterprise Distributed Systems, Web and Data Mining, Virtualization Technologies, Software Systems Engineering, Cloud Technologies, Enterprise Software Platforms.

Technical Skills

Programming Languages: JAVA, SQL, and HTML. Beginner: AspectJ, NodeJS, JavaScript, groovy and grails, shell script

Database and OS: Oracle, MySQL, DB2, Mongo DB, Linux, VMWare vSphere, OpenStack

Frameworks and Tools: Spring, GitHub, Feature IDE, Dropbox, Docker API, REST API, Maven, Eclipse, Hadoop.

Protocols and Algorithms: SS7, ISUP and TCP/IP, RESTful Web Services. Familiar: Consistent Hashing, Raft, CRDT, OAuth 2.0

Certification

- Oracle database 10g administrator certified associate
- IBM Certified Associate Developer -- Rational Application Developer for WebSphere Software V6.0

Projects

Sentiment Analysis of movies based on reviews Ongoing - Spring 2015

- Working on an application that will use machine learning algorithms for feature extraction and analyzing the sentiment towards a movie based on reviews given by users on different social sites such as IMDB.
- Researching various classification algorithms for applying on large movie review dataset.

Remote Docker Management Ongoing - Spring 2015

- Developing an application using Docker Remote API that will let user create and manage preconfigured docker containers on the go for application deployment.

Sticky Notes, San Jose State University Fall 2014

- Developed a web application on top of Dropbox REST API that allows a user to create and manage sticky notes.
- Developed modules for MongoDB, User Dropbox authentication, login, logout and backend functionality.

Digital Wallet, San Jose State University Fall 2014

- Developed a digital wallet REST API using spring framework that respond with information of user profile, user bank accounts, web login and, identity card as JSON. CRUD operations through REST API on MongoDB.

Gumball Machine, San Jose State University Fall 2014

- Developed a web application that manages gumball machine and inventory of gumballs
- Backend was a REST API developed in NodeJS and stored data in MongoDB, front end also developed in NodeJS.

Work Experience

Tecomic System and Network Pvt. Ltd, New Delhi

Field Application Engineer Mar 2012 - Aug 2014

- Took Initiative and wrote a script to automate the backup process of configuration files that reduced the time taken in backup from 4 hours to just minutes.
- Involved in complete Linux server lifecycle from installation to decommissioning.
- Wrote DDL, DML, DCL SQL queries for Oracle database and managed users, schema and database server.
- Communicated client needs and suggested changes in SS7 network to increase the availability.

SP Infocom Pvt. Ltd. - Student Intern

May 2010 – June 2010

- Contributed to a team of 5 to create a management system for a local hospital.
- Gathered the requirements and designed and developed the user interaction forms using java swings and AWT.
- Designed a data model and mapped it to Oracle Database and connected using JDBC