KAVITHA B NAGARAJU

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OBJECTIVE:
Seeking Full time opportunity in the field of **Software Development** where my education and industrial experience in Software development will have valuable application.

EDUCATION:
MS in Software Engineering, *San Jose State University, USA(GPA-3.6)*   **(Jan 2015- Dec 2016)**
Graduate Coursework: Web and Data Mining, Big Data Analytics, Web UI Design, Enterprise Distributed Systems, Cloud & Virtualization Technologies, Software Quality Assurance and Testing
BE in Computer Science, *Visvesvaraya Technological University, INDIA (First Class)*   **(July 2002- June 2006)**

TECHNICAL SKILLS:
Languages: C, C++, Java, JavaScript, R
Web Development: Spring MVC, HTML5, CSS and Bootstrap, Node.Js, Angular JS, REST, JSON, AJAX, JQuery
Big Data Technologies: Hadoop/ MapReduce & Spark
Database: Oracle, MySQL, Mongo DB, Hive, HBase
Tools: Elementool, Selenium, Bugzilla, Apache J-Meter, Ranorex, Eclipse, Git, Toad, Maven, Jenkins
Reporting & ETL: Cognos 8/10, Tableau, Informatica Power Center, Data Manager
Certifications: IBM Cognos 10 BI Author, IBM Cognos 10 BI Metadata Model Developer, IBM Cognos 10 BI OLAP Developer, IBM Cognos 10 BI Multidimensional Author

PROFESSIONAL EXPERIENCE:
Finovera Inc, Milpitas (*Software Engineering Intern)*   **(June, 2016 – Present)**
- Built, developed and debugged Download Engine scripts that connects with service providers.
- Used XPath and http calls for reading data from provider websites and to update the user account details.
- Fabricating an automation script for functional, unit and regression testing of Finovera Web application in Selenium using JAVA.
- Reduced the script failure rate by 60% by analyzing the existing code, debugging and fixing.

IBM India Pvt Ltd, Bangalore, India (*Data Specialist)*   **(July, 2010 – Aug, 2013)**
- Creating and changing the functionality of the Cognos reports with Data Manager as ETL, for reports from various domains like Retail, Energy Management, Health Care and Hotel Management.
- Creation of Models, Project and Publishing Packages using Framework Manager.
- Implement standard method of requirement documenting resulting in 12% decrease in report changes.

Mahindra Satyam, Hyderabad, India (*Software Engineer)*   **(Dec, 2006 – Jun, 2010)**
- Developing new Cognos 8 reports for users and Supporting Cognos Impromptu, Report net reports.
- Worked on SQL queries to deal with data correctness. Used Informatica for Builds and Jobs.
- Resolved high number of HP service desk tickets in the team with count 30+/Month.
- Technical Skill training sessions for the Team on application and Leading a team of size 4.

ACADEMIC PROJECTS:
Talent Acquisition Data Analytics   **Fall 2016**
- Developed a web application for hiring candidates designed using MEAN Stack & D3.js libraries.

Heart Disease Prediction   **Spring 2016**
- Predict heart disease using classification & regression model based on decision tree technique using SPARK

Air Pollution Index   **Spring 2016**
- Developed a MEAN Stack web application to find the Air pollution index for all the cities across the globe

Uber Application   **Fall 2015**
- Developed "prototype of Uber Application" using MEAN Stack. Rabbit MQ for messaging services.
- Implemented Redis caching and connection pooling. Tested using Jmeter and Mocha.

Hitchhiker- Rider   **Spring 2015**
- A carpool based Web application developed on top of Uber by using deep linking concept.
- It is developed using Spring REST and Java for Server Implementation.

Swarm Mobile App (Location Based Testing)   **Spring 2015**
- Black Box Testing, Location Based Testing using context map model, Functional Testing, GUI testing for Swarm mobile app. Automated compatibility test cases, load and performance test cases. Identified 8 bugs.