

KAVITHA B NAGARAJU

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SUMMARY:

7 years of professional experience in DW & Business Intelligence.

2 years of educational experience in Web UI Design using MEAN Stack, Data Mining and Analytics, Cloud Computing, Virtualization, Testing and QA.

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.