Akshay Kumar Kataiah

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SUMMARY

- Over 2+ years of experience in building web applications utilizing standard frameworks with expertise in **JavaScript** coding.
- Hands on experience utilizing **ReactJS** and building Single Page Applications and Client side, Server side rendering.
- Experience with calling **RESTful** API's and fetch data from the server and database.
- Acquaintance in dealing with DOM manipulations by using states and refs from **ReactJS**.
- Hands on experience with version control tools and repositories like **GIT**, GitHub, SVN and GIT workflows such as Gitflow and Feature Branch Workflow.
- Experience working in **Agile** Software Development (Scrum) environment using two week sprints, pair programming, Backlog Grooming. Also with Test-driven development (**TDD**) environments.
- Hands on experience with developing and deploying server side applications using **Node.JS** and **Express.JS**
- Proficient in manipulating properties and methods of document objects and modifying attributes and values via the **DOM**
- Experience developing and deploying **SOAP** and **RESTful** web services using XML and JSON for communication.
- Experience with **SQL and RDBMS**

EXPERIENCE

APPLICATION DEVELOPER | KENT STATE UNIVERSITY | NOVEMBER 2015 TO PRESENT

- Kent State website enhancements decreased server load using Ajax optimization load times by 10x.
- Developed Responsive Single Page Applications (SPA) using ReactJS and rendering pages on the server side for faster loading and updating by 3x.
- Implemented Views, Templates, Module updates in Drupal 7.
- Created **ReactJS** components and managed States and Props while utilizing **ES6** features.
- Implemented RESTful web services using XML and JSON for communication.

Environment: ReactJS, ES6, Web Services, REST, AJAX, HTML, CSS, JavaScript.

SOFTWARE DEVELOPER INTERN | INNOMINDS | MAY 2014 TO JUNE 2015

- Implemented, Google search engine to Apache Solr thereby consolidated the search engine costs
- Provide layout design based on brand guidelines for maximum usability and focus on user experience.
- Create user interfaces using front-end code in HTML5, CSS3 and JavaScript. Perform usability tests to insure cross-browser compatibility.
- Programmed and implemented building blocks using Java inclusive of testing and fixes.
- Resolved memory corruption and other technical issues by leveraging strengths in coding, debugging and integration testing.

Environment: Java, JSP, Spring MVC, Web Services, REST, AJAX, HTML, CSS, JavaScript.

PROJECTS

Natural Language Processing based Data Mining on Movie Critics (Machine Learning)

Data mining and pre-processing of movie data using python to provide critics ratings. Implemented naïve bayes and random forest to achieve **94%** accuracy.

Chatbot (talktome bot) https://github.com/Nodewarrior/Chatbot-api.ai
Implemented machine learning through the use of api.ai by deploying it on heroku and predict weather through openweather api with Rest and Node.JS

Attendance System(IOT) Internet of Things

Designed and Implemented of scaling user attendance and to eradicate the manual work for gathering such information using Node.js and python with Intel Edison and RFID

Custom_Login(React.JS) https://github.com/Nodewarrior/login-react

Login page with fancy background which changes everyday using Unsplash.it beautiful images.

SKILLS

Programming: JavaScript(EcmaScript), Java, Python, HTML, CSS (SASS, LESS).

Frameworks and Libraries: ReactJS, Redux, Node.js, Inferno.JS Bootstrap, Foundation.

Database: MySQL, SQL, MongoDB

Technologies: LAMP, Unix/Linux, GIT, JSON, REST, JUnit, AWS, Drupal, Drush, Spring MVC, Mockito, Heroku, Docker

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EDUCATION

MASTERS | MAY 2017 | KENT STATE UNIVERSITY

Major: Computer Science, GPA: 3.66

Coursework: Parallel and Distributed Computing, Data Mining and Machine Learning, Advanced Computer Graphics, Machine Learning, Information Visualization, Software Engineering, Robotics and Multi Core System.

Bachelors Of Technology| 2014 | JNT University

Major: Computer Science & Engineering, GPA: 3.62

Coursework: RDBMS, Computer Architecture, Electronics & Data Communications, Networks, Software Engineering, Design and Analysis of Algorithms, C, JAVA and Advanced Calculus.