

## PRASANNA KUMAR BEZAVADA

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### EDUCATION

#### **Master of Science (Computer Science) | California State University - East Bay | June 2018**

*Coursework - Distributed Systems, Database Systems Design, AI, Cryptography and Data Security, Computational Complexity.*

#### **Bachelor of Technology (Computer Science) | JNTU – Kakinada (India) | April 2013**

*Coursework- Data Structures & Algorithms, Website Development, Software Engineering, Mobile Computing, Software Testing Methodologies.*

### EXPERIENCE

#### **Lead Student Assistant | California State University - East Bay | February 2017 – June 2018**

- Involved in training new employees, supervising other student assistants.
- Assisting at the information desk.

#### **Software Engineer | Tech Fort Software Services – Hyderabad - India | January 2015 – May 2016**

- Worked on an SPA (Single Page Application) project called “Placement Cell”
- Designed and developed user interface using HTML5, CSS3, jQuery, Bootstrap, and JavaScript.
- Performed data validations using JavaScript.
- Worked on unit testing, integration testing using JUnit framework and involved in the complete SDLC of the application.
- Reduced the human resources, and time involved in the hiring process by 60%.
- Developed mobile compatible version of the same application.

#### **Software Trainee Programmer | Coign It & Edu Services – Hyderabad - India | December 2013 – December-2014**

- Worked on a project [Know D Edge](#) that provides placement training for college students and job applicants.
- Involved in designing and implementing the UI using HTML5, CSS, JavaScript, and jQuery.
- Optimized database operations using indexes, stored procedures, triggers, and views.
- Involved in reducing network traffic to the application.
- Analyzed user activity using crystal reports.
- Involved in designing the UML diagrams.

### TECHNICAL SKILLS

#### **Backend Technologies**

Java | JavaScript | Python | C | Node.js

#### **Frontend Technologies**

HTML 5 | CSS3 | Ajax | jQuery | Angular JS 2 | Angular JS 4 | React | JQuery | Bootstrap 3 | Bootstrap 4

#### **Databases**

MySQL | MongoDB | SQL Server | SQLite

#### **Software Technologies**

Agile Methodology(SCRUM) | HTTP | JSON | ASP.NET | Docker | Git | DOM | MVC | REST

### Projects And Research

#### **Online Swag Shop**

- Designed user interface using HTML5, CSS3, Bootstrap and React.
- Implemented a singleton pattern for displaying information on the screen.
- Developed Rest API for handling user requests and information in the application.
- Used JSON to communicate between server and web application.

#### **Adding Humans Through Loops In Parsing | CSU – East Bay | August 2017**

Researched and demonstrated that we can improve the efficiency of the parser by adding humans into the loop, posing some simple questions to the nonexperts. We can apply an approach to the CCG parser where it converts un-certain decisions into natural human language questions. By doing so we can automatically correct certain parsing mistakes because of the presence of humans in the loop.

#### **Sia (Simple Integrated Automation System) | CSU – East Bay | June 2017**

- Sia is a testing tool especially for large-scale Java applications which aims at tracking tests on projects and minimizing the risk involved in Testing and deployment
- Designed web application using HTML5, CSS3, Bootstrap and Angular Js.
- Built Restful web services to fetch the current configurations used.
- Performed integration testing of the application using the J unit.

#### **Online College Voting System | Kiet, Kakinada - India | April 2013**

- This application was developed to eradicate the malpractices in my college elections.
- Developed user interface using HTML, CSS, JavaScript, Bootstrap, and Asp.Net
- Involved in complete SDLC life cycle of the application
- Used crystal reports to generate the end result of the election process.

#### **Active Administration of the City | Kiet, Kakinada - India | December 2012**

- This application was developed to reduce human effort in some of the governmental organizations.
- Developed User interface using HTML, CSS, and Asp.Net.
- Used IIS(Internet Information Server) for hosting and obtaining internet services.
- Used Web API for developing HTTP services.