

Kuladeep Reddy

Phone: (269) 365-4333

E-Mail: kuladeepreddyd@protonmail.com

Objective:

Combine my knowledge and skills with an interactive team and dynamic organization to establish a productive relationship resulting in mutually beneficial growth and enhancement.

Summary:

- Having good experience in the **IT** industry working with **Web Based Applications** and **UI/UX Designer** and **Developer** in different domains.
- Experience in developing **Web based applications** and **UI Development** using **HTML4/5, CSS2/3, JavaScript, JQuery, AJAX, JSON, AngularJS, Bootstrap** etc.
- Involved in developing applications using **Core Java** and various **J2EE technologies** like **JSP, Servlets**.
- Experience in using **AJAX** to create interactive **Web applications**, mainly focusing at increasing performance and have used **jQuery/JSON** for retrieving data.
- Used various frameworks like **Hibernate, Spring** and **Struts** and have good experience in using Spring Frameworks: **Spring MVC** and **Spring Boot**.
- Experience in developing and deploying applications through **Tomcat**.
- Extensive Knowledge in developing single-page applications (**SPAs**) using various **JavaScript** frameworks like **Angular JS**.
- Actively took part in all the phases of the **Software Development Life Cycle (SDLC)** including design, architecture, implementation, release, unit testing, refactoring and maintenance.
- Experience in writing structured markup, **CSS** and **JavaScript** and keeping up-to-date with the latest developments in **Web technology**.
- Proficient in **RDBMS** concepts like writing **SQL Queries, Functions, Stored Procedures** and **PL/SQL** Packages and have knowledge on **NoSQL Databases** like **MongoDB**, using **SQL Server Management Studio** tool for database development, browse database objects, implement and edit **SQL** as well as **PL/SQL** statements.
- Development experience on different **IDE's** like **Eclipse, My Eclipse, NetBeans** and **IntelliJ**.
- Used **SVN** and **Git** for version control and have knowledge on **Angular2, Typescript, ReactJS, NodeJS** and **ES6**.
- Experience working extensively on both **UNIX** and **Windows** based Environments.
- Experience in documentation using **MS tools (Word, Excel, PPT, Project and Access)**.
- Experience in **Unit testing framework** like **Junit** and Involved in consuming, producing **Restful Web services**.
- Good team player with excellent communication skills and ability to learn and adapt quickly to the emerging new technologies.

Skill Set:

Languages:	C, C++, Java, XML, HTML, HTML 5, SQL, PLSQL.
Databases:	MySQL, Oracle 9i/10g/11g/12c, Microsoft SQL Server, Microsoft Access.
Frameworks:	Spring, AngularJS, Hibernate, Spring Batch, NodeJS, ReactJS.
Web Technologies:	JavaScript, CSS, CSS3, SASS, jQuery, AJAX, JSON, Bootstrap.
Development Tools:	Eclipse, Net beans, Visual Studio.
Application Servers:	Apache Tomcat.
Operating Systems:	Mac OS, Windows 2000/XP/Vista/7/8/10, Ubuntu.
J2EE Technologies:	JSP, Servlets, RESTful services, Junit, JDBC.
Methodologies:	Waterfall, Agile
Others:	Sublime Text, JPA, GIT.

Experience:

Chicago State University
Chicago, IL

March 2015 – Dec 2016

Role: Web Developer

Responsibilities:

- Responsible for Development of Web page using **HTML, JavaScript, jQuery, AngularJS, CSS, SASS** including **Ajax** controls and **JSON**.
- Developed web presentation layer using **HTML** and **CSS** as per internal standards and guidelines.
- Designed the table less web applications using **CSS** and with the help of and tags as per W3C standards.
- Used **Angular JS** in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
- Streamlined the **Responsive Web Design** to enhance the **User Experience**.
- Written **Ajax** driven **JSON** consuming **JavaScript** functions to save user selections such as radio button, drop-down menu selections into a cookie.
- Used **jQuery** plug-ins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
- Worked on implementing the **Angular JS** and **MVC** framework for data access and in using version control (**GIT**).
- Involved in writing application level code to interact with **APIs**, Web Services using **AJAX, JSON** and **XML**.
- Developed **Servlets** to communicate with the other components at the server end.
- Participated in technical design, development and testing of various modules assigned and used **JUnit** for unit testing.
- Responsible for checking cross browser compatibility and hence worked on different browsers like **safari, Internet explorer, Firefox** and **Google chrome**.

Environment: Java, J2EE, JSP, Angular JS, HTML5, CSS3, SASS, JavaScript, jQuery, Bootstrap, RESTful web services, AJAX, JSON, XML, Node JS, ORACLE, SQL, MySQL, GIT.

Zensera Technology Services Pvt. Ltd.
Hyderabad, India

June 2014 – Dec 2014

Role: Front-End Web Developer

Responsibilities:

- Designed dynamic and multi-browser compatible pages using **HTML, DHTML, CSS and JavaScript**.
- Applied **jQuery** scripts for basic animation and end user screen customization purposes.
- Implemented responsive web design by using **media queries** and **Bootstrap**.
- Created forms to collect and validate data from the user in **HTML** and **Java Script**.
- Involved in developing **web page Applications** using **Angular JS**.
- Familiar with concepts of Directives, Data-Binding and Dependency injection in **AngularJS**.
- Exchanged data between backend server and **UI** in **JSON** or **XML** format using **AJAX** calls and tested **RESTful APIs** from the browse rushing postman.
- Deployed web, presentation and business components on **Apache Tomcat Application Server**.
- Responsible for fixing all bugs encountered and communicating back over to the **QA** team.

Environment: HTML, CSS, CSS3, JavaScript, jQuery, Bootstrap, AngularJS, AJAX, JSON, XML, Apache Tomcat.

Improving Recognition Accuracy of Facial Emotions

Facial emotion recognition is important with a wide range of potential applications, such as human computer interaction, automated tutoring systems, image and video retrieval, smart environments. It has been argued that to truly achieve effective human-computer interaction, there is a need for the computer to be able to interact naturally with the user, like the way human-human interaction takes place. Therefore, there is a growing need to understand the emotions of the user. Facial emotion recognition in these environments is a very challenging task due to large intra-class variations caused by factors such as illumination and pose changes, occlusion, and head movement. This project deals with:

- Extraction of facial features from training images and classify the different classes of images.
- Locating the faces in the scene, extracting the features from the detected face regions using Geometric based extraction or Appearance based extraction and feature classification.
- The challenges in face recognition are pose variation, feature occlusion, facial expression and imaging conditions.
- The technique used to overcome the challenges is Eigenfaces.
- Once Eigenfaces of a database are calculated, face recognition can be achieved in real time and it can handle large databases.

Property Management System

The main objective of the property management system is to handle the business easily and user friendly. It can be accessed by both the buyer and the seller of the property. Buyer can search the property that are in some desired location, or by choosing the desired kind of property such as villas, apartments and house. The seller can upload their product to the system with necessary property details like property location, property type all those and it will make the buyer to search easily for their desired product.

- It was developed by a team of four and 6 modules are involved in this project.
- The front-end was developed using **C#** and **.Net**, where back-end was **SQL** server.
- I was actively involved in back-end development using **SSMS (SQL Server Management Studio)**.
- I have developed the database using **UML** Diagrams and creating Database tables.

Budget-Centric Corruption-less Work Contract Transparency Software

The main objective of our project “Budget-Centric & Corruption-Less Work Contract Transparency Software” is to maintain the flow of money released by government, and intern control corruption. It aims to inform the people about how and who has utilized the money and for what purpose. Budget-Centric & Corruption-Less Work Contract Transparency Software is anchored on fighting corruption and establishing transparent, accountable and participatory governance as necessary preconditions for achieving poverty reduction, inclusive growth, enhanced peace and ecological integrity.

- I was responsible for developing UI using **HTML**, **CSS** and **JavaScript**.
- The web technologies used in this project are **JDBC**, **JSP** and **Servlets**.
- We have used **Oracle 10g** XE database and **Eclipse IDE**.
- We used **Java** programming language and server deployment was done on **Apache Tomcat**.

Education:

- **Master of Science, Computer Science, Dec 2016.**

Chicago State University, Chicago, IL.

GPA: 3.70/4.0

- **Courses:** Adv. Database Design/Implementation, Adv. Software Engineering, Alg Software Engineering Web App, Parallel Processing App, Cryptography, Business Intelligence, Adv. TCP/IP, Information Security and Adv. Network Security.
- **A Certificate Course on Network Security.**
 - Includes Adv. Network Security, Information Security and Cryptography.

- **Bachelor of Technology, Electrical and Electronics Engineering, April 2014.**

Malla Reddy Engineering College, Hyderabad, India.

GPA: 3.28/4.0

- **Courses:** Computer Programming and Data Structures, C Programming Lab, Information Technology Workshop, MATLAB, Adv. Eng. Lang communication skills lab, Management Science, Computer Methods in Power Systems Etc.

Personal Traits:

- Initiative, Commitment towards work and Confident.
- Adaptable to work in any environment and zeal to Learn new things and work innovatively.
- Good team player, strong interpersonal and excellent communication skills combined with self-motivation, initiative and ability to think outside the box.
- Dedicated, ability to effectively prioritize and execute tasks in a high-pressure environment.
- Highly organized and self-motivated.
- Possess good reasoning, understanding and probing capabilities.
- Capability to maintain secrecy with regards to sensitive information of the organization.
- Quick learner and smart worker.