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edu

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Education

Master of Science, Computer Science, GPA 3.70   **May 2020**
California State University Fullerton, United States
Coursework: Web front end application, Cloud Computing and security, Software Architecture, Advance database

Bachelor of Technology, Information Technology, CGPA 7.36/10.00   **May 2016**
Charotar University of Science and Technology, Gujarat, India
Coursework: Software Engineering, Data Warehousing & Mining, Data Structure and Algorithms, Advance Java

Technical Skills

· Programming Languages: Java, C, JavaScript, PL/SQL, SQL
· Web Technologies: AWS, JSP, XML,Nodejs, JSON, HTML, CSS, jQuery, Ajax
· Database: MySQL, Oracle DB, Mongo DB
· Frameworks: Spring, Hibernate, React, Ember
· Development Methodology: Agile, Object-Oriented Programming, MVC Architecture, JUnit Testing

Experience

Tata Consultancy Services, Gandhinagar, India   **Sep 2016 - Jun 2018**
Software Engineer
· Delivered web screen in three days using Java, jQuery, Hibernate, JavaScript and Jsp which made headlines in the newspaper and resulted in higher satisfaction from clients and appreciation from whole team.
· Adapted Agile methodology and actively engaged in all phases of SDLC cycle. Provided valuable inputs regarding the requirements to the Scrum Master and other stakeholders to enhance the aesthetic value and make the application user friendly
· Closely coordinated with team members and integrated code using TortoiseSVN that ensured versioning
· Implemented test suites using JUnit Test Case classes to test each module and perform software quality testing
· Used Hibernate for persistence logic which consisted of creating XML mapping files and HQL queries
· Fixed defects, enhanced SQL procedures and java backend logic for improving efficiency of web application
· Followed MVC architecture using java which ensures clear separation of layers and rapid application development

Tata Consultancy Services, Gandhinagar, India   **Dec 2015 - Mar 2016**
Software Engineer Intern
· Used jQuery, HTML5 and bootstrap to have an interactive interface of the content management system
· Followed MVC architecture in coding with Java, JSP and JDBC to have modularized development of code
· Effective communication with clients for gathering the requirement of the content management system
· Documented ER diagrams, database design, and UML diagrams for project to demonstrate functionality usage of the user
· Coordinated with small team of 4 people consisting of database administrator, front end developer and two interns

Academic Projects

Video Chat [WebRTC, MERN Stack, AWS]
· Developed video, voice and text chat Application using WebRTC framework for media streaming between users
· Used MERN (Mongo DB, React, Node, Express) stack to develop a simple, intuitive interfaces and modularized web application
· Used AWS EC2 to host the web application

E-commerce Car Website [Node.js, Ember JS, Firebase]
· Developed an E-commerce car website using Node.js for backend business logic, Ember CLI for frontend look of website and firebase to have a real time database
· Used Marketplace API to fetch the real time data of the latest information of cars on the sale