MANPREET SINGH

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Skills

PROGRAMMING LANGUAGES

Java
C#
Python
Swift
JavaScript
jQuery
PHP
HTML
CSS
SQL
Visual Basic
React/React-Native

IDE

IntelliJ
Eclipse
PyCharm
xCode

COLLABORATION

Bitbucket
Github
Slack

CLOUD SERVICES

AWS

Relevant Coursework

CS 46B - Introduction to Data Structures

CS 146 - Data Structures and Algorithms

CS 151 - Object Oriented Design

CS 166 - Information Security

CS 174 - Server Side Web Programming

CS 157A - Introduction to Databases

CMPE 102 - Assembly Language Programming

CMPE 120 - Computer Organization and Architecture

CMPE 148- Computer Networks

CMPE 172- Enterprise Software

CMPE 187- Software Quality Engineering

CMPE 165- Software Engineering Process Management

Math 161A- Statistics and Applied Probability

Education

San Jose State University   Aug. 2015 to Dec. 2019
BS Software Engineering 2019

Experience

Gilead Sciences   Foster City
Technical Project Management Intern   June 2019 to Aug. 2019

• Facilitated the creation of a continuous compliance system by coordinating meetings with service owners, key stakeholders, and peers.
• Automated manual compliance server checks to improve efficiency and accuracy for end-users.
• Communicated with multiple offshore teams to ensure requirements are translated and implemented properly.
• Designed a dashboard using VROPS to showcase all the required server information to the end-users.
• Created and updated the project schedule based on the data provided by all stakeholders.
• Translated feedback from end-users to improve the application in real-time.

Ambii   San Jose
Application Developer   Aug. 2018 to Dec. 2018

• Developed the world's first AI-driven digital jukebox built for group listening.
• MERN (MongoDB, Express, React, Node) development to build real-time web & mobile apps for music streaming.
• Full-stack development integrating both the front-end and back-end.
• Integrated Spotify's playback functionality to increase the versatility of the application.
• Developed a scalable web & mobile app for tens-of-thousands of users by applying the knowledge of object-oriented design and data structures.

Gilead Sciences   Foster City
Software Engineering Intern   June 2018 to Aug. 2018

• Gathered user requirements, analyzed, and designed the web page that demonstrated a variety of graphs accessed by 10,000 users globally.
• Designed a scalable web application for subjective data collection through a set of questions, which resulted in more accurate and efficient data collection from various Clinical sites.
• Created a clean UI design by using HTML, CSS, Javascript, JQuery, Bootstrap, and C3.js built on the .NET framework
• Obtained data from SQL tables by using proper SQL stored procedures, and C# as the backend language.

San Jose State University   San Jose
Software Developer/Project Manager   Aug. 2017 to Dec. 2017

• Applied agile methodology in the completion of this project.
• Gathered and documented the business requirements from the Subject Matter Expert (SME's).
• Interacted with end-users to identify application expectations by using the elicitation technique.
• Coordinated and tracked the project management activities to ensure the project meets the required deadlines.
• Prepared and updated weekly status reports/Gantt chart by using MS Project 2010.
• Designed and demoed User Interface, which will enhance daily workflow, increase productivity, reduce complexity, and user-friendly.
• Managed documents and deliverables in Google drive for collaboration among the project team.