

SANCHITA KANADE

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EDUCATION

Masters of Science in Computer Science San Diego State University, San Diego, California	May 2020 GPA: 3.6
Advanced Certificate in Web and Mobile Applications Development San Diego State University (San Diego, California)	May 2020
Bachelor of Engineering, Instrumentation and Control Savitribai Phule Pune University, India	June 2012

TECHNICAL SKILLS

Programming Languages:	Core Java, JavaScript, HTML, CSS, SQL
Web Frameworks:	Bootstrap, SASS, JQuery, React, Node.js, Express.js
APIs Development:	REST (RESTful Web Services), GraphQL
Databases:	Oracle (RDBMS), MongoDB (no-SQL database)
Tools:	Git, IntelliJ IDEA, Eclipse, Github Desktop, WinSCP, Putty, Maven Build Management

RELATED EXPERIENCE

Course Project, Modern Full Stack Web Development • Developed a full stack web application for Inventory Management System using MERN stack (MongoDB, Express, React and Node.js) • Performed CRUD (Create, Read, Update and Delete) operations on items in the inventory using GraphQL APIs and MongoDB database • Designed a user-friendly and responsive UI using React-Bootstrap and structured large number of records in the inventory using Pagination • Delivered a functional web application that enables user to fetch the list of available products, filter products based on category and price, add new product to the inventory and update or delete a particular product	Spring 2020
Course Project, Advanced Object-Oriented Design and Programming • Designed a SpreadSheet application using Interpreter, Observer and Memento design pattern with Java • Programmed the spreadsheet with equation view and value view of 9 cells with GUI that allows user to enter either a number or a postfix expression in the equation view and get results in the value view • Implemented Interpreter pattern to evaluate postfix expressions, Observer pattern to update all dependent cells whenever a user modifies one cell and Memento pattern to add an undo mechanism to the spreadsheet • Tested application using Junit, in order to make sure that all design patterns are working fine and program accepts only valid input	Fall 2019
Course Project, Introduction to Web Application Development • Designed and Developed a website for SDSU Natural History Museum using HTML5, CSS3, JavaScript and PHP • Used PHP and JavaScript for form validation in order to make sure that user entered correct information before processing the form data • Deployed the application using AWS Elastic Beanstalk and GitHub • Delivered a functional website that users are currently interact with to register for an event or to navigate through the website for finding the information they want	Fall 2018
Course Project, Machine Learning • Developed an application for Face Recognition with deep learning and multilabel classification algorithm • Implemented various supervised classification algorithms including Logistic Regression, Support Vector Machine (SVM), Naïve Bayes and Neural Network using Python’s scikit-learn library • Trained classification models using above supervised ML methods and compared the performance of these models by changing various hyperparameters • Determined the best supervised classification algorithm for Face Recognition	Fall 2018

WORK EXPERIENCE

HP Summer Scholars, Hewlett Packard • Saved 80 % of human time spend on repetitive task of sending calendar reminders to team members for projects milestone due dates and eliminated manual efforts by developing Ui-path based RPA (Robotic Process Automation) bot to automate the task.	Jun 2020- Jul 2020
Project Engineer, Sagetech Automation Pvt. Ltd, Pune, India • Developed PLC (Programmable Logic Controller) programs & HMI (human-machine interface) as per clients’ requirement for various industrial automation projects • Slashed project development costs 10% by learning new technology skill AutoCAD which is required for designing control panels and preparation of technical documents, including panel and control wiring drawings, input output modules, and GA drawings. • Delivered industrial automation projects for many food packaging machines	Nov 2013- Feb 2015