

Tanmay Siwach

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EXPERIENCE

Web Developer

May 2019 – August 2019

Next57 Coworking | India

Managed the front-end and back-end features of the website for the startup including graphics and seat bookings using HTML/CSS and JavaScript.

Developed and added more pages to the website in 5 days for the new physical location of the company.

Created over 20 graphics and informatics for events that were organized at the coworking space using Adobe Photoshop and Illustrator.

PROJECTS

MixIT Android Application - Personal Project

February 2020 – May 2020

- Created an android application using XML as the front-end, JAVA as the back end, and MySQL for the database.
- Designed an algorithm that suggests recipes based on the ingredients that the user has in their fridge.
- Used Picasso API to process images on the application for the recipes.

Tattoo Artist Booking Web App - Personal Project

March 2021 – Present

- Created a web application for letting users choose a tattoo artist and book them based on their work.
- Social media styled application created using NodeJS for the back end and Amazon AWS for the database.
- HTML, CSS, ReactJS for the development of the user interface of the application.

New music Recommend: Anti-Spotify - Personal Project

March 2021

- Programmed a web application that recommends music completely different from what the user listens to using their Spotify Account.
- Fetched data from Spotify using Spotify's Web Rest API and developed the algorithm using NodeJs Express Framework and CORS framework.
- Designed the front end for the web application using ReactJS and HTML5.

Self-Driving Car Simulation - Senior Major Project

February 2021 – Present

- Created a self-driving car model with roads, trees, and other objects using Unity.
- Created the algorithm for the self-driving car using Python and Tensorflow.
- Created the Scripts for Machine Learning using C#

Web budgeting application - Personal Project

August 2020

- Programmed a budgeting application with login and register capabilities using Express Framework in NodeJs and MongoDB Community and later Atlas.
- Designed the website using HTML, CSS – Jade Template, and Bootstrap.
- Implemented the authentication using PassportJS and password encryption using BCrypt and mail function using NodeMailer.

EDUCATION

San Jose State University | Bachelor of Science in Software Engineering

Expected Dec. 2021

- GPA: 3.5/4.0
- *Treasurer*, Theta Chi; *Historian*, Theta Chi; *Philanthropy Chair*, Theta Chi

SKILLS

Java, JavaScript, Python, NodeJS, ReactJS, ExpressJS, NextJS, HTML, CSS, PHP, Bootstrap, MySQL, MongoDB, Illustrator, Photoshop