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SURAJ NEGI

SUMMARY

An ambitious energetic and enthusiastic professional having strong flair for *UI/UX* programming using a variety of frameworks, tools and techniques. Strong Fundamentals and keen interest in *AI/ML* specifically *Image Analytics*. Have contributed to multiple client projects and got appreciations. Seeking engagements with ample learning opportunities where my skills are well exploited while allowing me to grow professionally.

EXPERIENCE

Working as Software Engineer with Acroknacks Technology Solutions Dehradun. (April-till)

Projects

Saccess- Digital Access Anywhere

About

Saccess is a N Tier End to End Hosted solution for Digitising Access solutions in various industry verticals. Digital Access cards (Passes) are issued using a Web Portal which are accessible and Usable via Mobile Client Wallet. A Scanner app supporting *QR Code*, *BlueTooth Low Energy* and *NFC* supplements the overall offering.

Role

Leading the *UI/UX* track. Wireframe designs for Web Dashboards, AppUser Journeys using Figma. Development of Web Dashboards and Screens using *HTML5 (Bootstrap, Angular,D3 for creating multiple charts and graphs)*

Client Geography

Egypt

Online CAD Tool

About/Role

This is a Full blown Web based CAD Designer and Editor which uses *CadQuery (Python framework)* in the backend and *Three Js framework* for *WebGL* Modelling and visualisation of Multiple CAD Objects in an Assembly. A prototype was developed for the Spanish client within less than 10 days.

Client Geography

Spain

Saturno – AI Based Examination Evaluator for a european University

About/Role

Built a *TensorFlow* Based Image processing workflow to parse and extract the answer data from Student's worksheets provided in PDF format. Required deep learning techniques to identify Handwritten Numbers and then evaluate the answers. The project in pilot phase significantly reduced the overall human involvement. Project Uses *OpenCV, TensorFlow, MySQL and Python*.

Academic Project

Banyan Tree

About

Banyan tree is a project which is solely based on the idea of connecting and growing. It is an application for teachers and students to interact with each others when they are not inside a classroom.

Role

Built a web application using standard web technology and *Vue Js* as a frontEnd framework of choice and *Firebase (JavaScript)* for the backend end, Database and Hosting. Created a *UI/UX* for the web application which was easy to use and responsive with custom logo and illustrations.

PC SHOP

About/Role

Developed a simple web based shopping frontEnd application for selling computer related hardware, frontEnd was developed using *CSS3, HTML5, JavaScript* with addition of *Vue JS* framework for building a single page application.

SKILLS

Languages

HTML5, CSS3, JavaScript, Python, C

Framework/Library

ReactJS, VueJS, openCV, ElectronJS, ThreeJS, D3JS

TOOLS

LINUX, YARN, PIP, PIPENV, GIT, Webpack, Gulp, SASS, ADOBE XD

EDUCATION

Graphic Era Hill University, Dehradun — BCA

JUNE 2015 - JUNE 2018

7.16 CGPA

Amity Online University, Remote - MCA

JULY 2018 - TILL

SOCIAL

LinkedIn

[linkedin.com/in/itssurajnegi/](https://www.linkedin.com/in/itssurajnegi/)

GitHub

github.com/LazzyGuy