Yogesh Manni

Software Engineer

Innovative Software Engineer with great frontend and backend skills.

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WORK EXPERIENCE

Software Engineer
ARI Simulation

06/2018 – Present   *New Delhi*

ARI Simulation is a global leader in the production of sophisticated simulation and virtual reality training solutions for the marine, energy, construction, airport and defense industries.

Achievements/Tasks

- Development of Engine Simulator that includes Lua Scripting of various Components and making Instructor Station in C# which is used to control Simulation.
- Developed a Sound App in C# and DirectX which serves its purpose to provide sound to the various components in Simulations.
- Worked on Development of LNG Bunkering Simulator which uses C# and Lua as its backend and Action Script and swf(Shockwave format) files as its Frontend.
- Developed various Libraries and dll files in C++ and C# which were used in developing Simulation models.

PERSONAL PROJECTS

Facial Recognition using Opencv and Dlib (07/2019 – 08/2019)

- Developed facial Recognition system using Opencv and Dlib libraries. Deep Learning Concepts are used to train a model that produce embeddings of face that are used to differentiate between faces.

Handwriting Recognition Neural Network (02/2019 – 03/2019)

- A Neural Network in Python is built which uses numpy arrays and machine learning models to recognize handwritten digits and alphabets. A large dataset is used to train the developed network and then digits are recognized from that neural network.

Ecommerce Website (08/2018 – 09/2018)

- An Ecommerce website was developed in HTML, Javascript and JQuery which serves its purpose of selling goods to users with proper login page, Admin panel, Add to cart, Check out and other required pages.

Neighbourhood Map (06/2018 – 07/2018)

- I have developed a Neighbourhood Map System in which a user can view its nearby Market places, restaurants, food corners and other useful places. They can also find the shortest path to their destination from the source. The Map System was built in HTML Canvas 5, Jquery, CSS, Javascript.

EDUCATION

B.E Computer Science and Engineering
Chitkara University

08/2015 – 07/2019   *CGPA - 9.24*

12th Standard
Saint Soldier Modern Sr. Sec. School

04/2014 – 04/2015   *Percentage - 92.8%*

10th Standard
Saint Soldier Modern Sr. Sec. School

04/2012 – 04/2013   *Percentage - 91.38%*
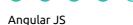
SKILLS

Python
● ● ● ●

C++
● ● ● ● ●

Lua
● ● ● ● ●

Machine Learning
● ● ● ● ○

C#
● ● ● ○

Javascript
● ● ● ● ○

Computer Vision
● ● ● ● ○

Full Stack Developing
● ● ● ● ○

Angular JS
● ● ● ● ○

ACHIEVEMENTS

Maintained a CGPA of 9.24 in College.

District level Basketball player.

Got a Percentile of 92% in 12th and 91% in 10th standard.

CERTIFICATES

Frontend Web Developer Certification from Udacity (02/2018 – 05/2018)

LANGUAGES

English
● ● ● ● ○

Hindi
● ● ● ● ●

Punjabi
● ● ● ● ●

INTERESTS

Blogging   Basketball   Coding

Travelling