



Vishnu Charan Golugula

Computer Science and Engineering

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WORK EXPERIENCE

Tata Consultancy Services R&D - February to May 2022

Working on OpenGL using C++ to create 3D objects, transforming, shading, rendering multiple models, Ray tracing and motion blur for 3D objects.

Sellcraft Global Solutions - June to August 2021

Worked on the front end part of a game using React and firebase frameworks.

PROJECTS

Smart Classroom using IoT: June 2021- Present

Using IoT sensors developed a better environment in the classroom.

Using a sample dataset, trained the model to recognise faces for the door locking mechanism to the class.

Git and Version Control: Jan-Apr 2021

Worked on an internet code hosting platform for effective collaboration and distributed version control. Used Flask and designed a ledger to manage all the changes done to the document by different collaborators.

Mini GoLang compiler : Jan-Apr 2021

Used lex and yacc to compile go language code along with few compile time optimizations.

WatchTime : Aug-Dec 2020

Using MEAN stack developed a recommendation app on movies, based on the user's watch list based on search and watch priority of the user.

Smart Agriculture : Aug-Dec 2020

Made a voice assistant and bluetooth enabled plant watering system using Raspberry Pi. Used a checksum algorithm to store data in the cloud and performed a client server program to represent the data graphically.

Megamind : Jan-Apr 2019

Wrote a deep learning library in python specifically focused on building, training and testing neural networks.

Development was done with emphasis on ease of use, performance and minimal dependencies.

EDUCATION

PES University, Bangalore — BTech in Computer Science - June 2022

CGPA of 6.9/10

Miranda P.U College, Bangalore — 11th & 12th

2016 - 2018

Graduated with a percentage of 83.5 in 12th.

New Horizon Public School, Bangalore — till 10th grade 2003 - 2016

Graduated with a percentage of 90.83 in ICSE board examinations.

COURSES

Serious Python, Deep Learning, Data Analytics using Hadoop, Internet Of Things, Web Development.

SKILLS

Languages:

Python, Java, R, JavaScript, C, MySQL

Tools/Frameworks:

Django, RaspberryPi, Flask, React

ACHIEVEMENTS

Worked with an NGO called Lead India Foundation in the year 2019 to help them develop their website with dynamic views and payment gateway integration.

LANGUAGES

Fluent in English, Telugu, Hindi

INTERESTS

Data Science, Full Stack Web development, IoT