



Jovial Joe Jayarson

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Network

- Professional Page
- Technical Outlook
- Personal Views
- Creative Articles

Languages

- English
- Hindi
- Malayalam

Introduction

A self-motivated software developer and technophile, on a quest to realize how human brain works and uncover the mystery behind human reasoning through mathematics, field of artificial intelligence and a whole bunch of tech stack.

Avocations

- Tinkering with gadgets
- Reading Fiction
- Coding
- Playing Chess
- Playing Keyboard
- and more...

Education

- July, 2021 **B.Tech in Computer Science & Engineering** APJ KTU
IES College of Engineering, Thrissur
CGPA: 9.41
Project: Vudoku - Visual Sudoku with Digit Recognition
- March, 2017 **Higher Secondary School - XII** KVS CBSE
Kendriya Vidyalaya, Puranattukara, Thrissur
Score: 88%
Project: Computer graphics with C++
- March, 2015 **Secondary School - X** KVS CBSE
Kendriya Vidyalaya, Puranattukara, Thrissur
CGPA: 9.4
Project: Multi-layer natural water filter

Certifications

2020

- August **Introduction to Git and GitHub** Coursera
by Google
Refreshed basics of version control system
- Jul - Aug **Applied Machine Learning in Python** Coursera
by University of Michigan
Learned how to approach real life problems using machine learning
- July **Crash Course on Python** Coursera
by Google
Had a rundown on important entities of Python
- May **Python Based Image Processing** Webinar
by INQBE
Dealt with simple image processing using Python
- Jan - Feb **Data Sciences Training** Internshala
by Analytics Vidhya
Developed understanding about the field of Data Science

2019

- Oct - Nov **Automate the Boring Stuff with Python** Udemy
by Al Sweigart
Performed cool automated using Python
- Jul - Oct **Joy of Computing with Python** NPTEL
by IIT Ropar
Practiced and studied Python from scratch

2018

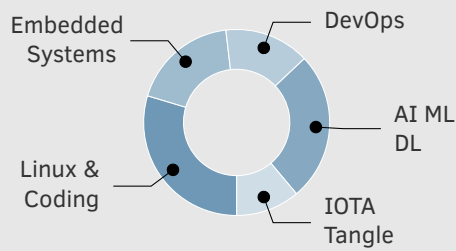
- December **Deep Learning** Workshop
by Computer Society of India, TVM Chapter
Three day hands-on session in Deep Learning

Volunteering

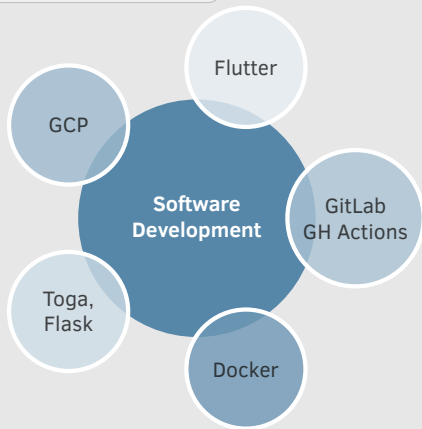
- September, 2021 **IEDC Chief Executive Officer**
Leads an enthusiastic team of executive and core members of Innovation and Entrepreneurship Cell, striving to innovate and inspire.
- 3 Cohorts, 2020-21 **CoderDojo Mentor**
Had to privilege to teach young minds the basics of computer logic thorough *Scratch* programming.
- May, 2020 **Webinar Speaker**
Conducted a hands-on session on *Software Development*, contents of which, was later published on a DevTo article.

Infographics

Domain Knowledge



Technology Stack



Skills

Soft

Team Player



Adaptability



Communicator



Hard

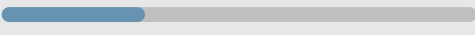
Python



C/C++



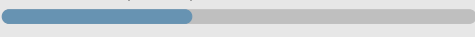
Java



Dart



HTML/CSS/JS



Nim



Bash



Git



Projects

Author	CamZ - IP Camera A cross platform ip camera under development Stacks: Nim, Flutter, DevOps (Planned)	GitLab
Author	Nilgorithms Algorithm Re-implementation in Nim-lang for self learning Stacks: Nim	GitHub
Author	Vudoku - Visual Sudoku Solver Sudoku solver using digit recognition - UG Final Year Project Stacks: Python, Streamlit	IESCE/GitHub
Author	Calanderio Simple calendar progress tweeter bot Stacks: Python, Docker, Hosting	GitHub
Contributor	WakaReadme A weekly dev metrics for GitHub profile readme Stacks: Python, Docker, GitHub Actions, API	GitHub
Author	AppImage File Associator Creates system integration for AppImage Stack: Python, Regex	GitHub
Team Leader	Smart City Prototype Life sized smart city in a classroom Stack: Python, C, RaspberryPi, NodeMCU, Misc Sensors, AR	IESCE
Author	Robin Streamlit application to generate Jitsi Meet links Stacks: Python, Streamlit	GitHub
Contributor	Pebbles A simple yet powerful and beautiful calculator Stacks: Vala, Meson	GitHub
Author	RGB Channlizer As requested by a mentor, this split images into RGB channels Stacks: Python	GitHub
Author	Schedule Time table application in development for classmates Stacks: Flutter/Dart, Pub Packages	GitHub

Learning and developing solution for self-hosted real-time, audio-video server with Jitsi, Linux server. Interested and reading about OSTree (Fedora Silverblue), NixOS with CI/CD.

Internships

July, 2019	Android App Development Created application clones and learned about Android architecture	Empty Space Technologies
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Achievements

Apr, 2021	Contributed code to Mars-rover mission, GitHub, NASA
Jan, 2021	Certified Microsoft Innovative Educator
Dec, 2020	Top Mentor Special Appreciation, CoderDojo
Dec, 2019	NPTEL: Silver Elite - The Joy of computing using Python