



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

Present	B.Tech in Computer Science & Engineering IES College of Engineering, Thrissur CGPA: 9.35 Project: Vudoku - Visual Sudoku with Digit Recognition	APJ KTU
2017	Higher Secondary School - XII Kendriya Vidyalaya, Puranattukara, Thrissur Score: 88% Project: Computer graphics with C++	KVS CBSE
2015	Secondary School - X Kendriya Vidyalaya, Puranattukara, Thrissur CGPA: 9.4 Project: Multi-layer natural water filter	KVS CBSE

Certifications

2020

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

2019

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

2018

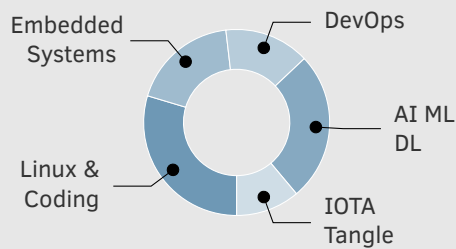
December	Deep Learning by Computer Society of India, TVM Chapter Three day hands-on session in Deep Learning	Workshop
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Volunteering

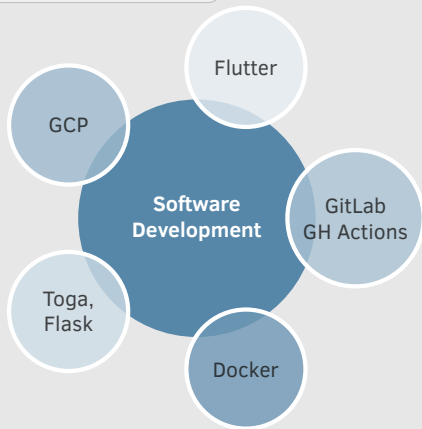
Present, 2020-21	IEDC Chief Executive Officer Leads an enthusiastic team of executive and core members of Innovation and Entrepreneurship Cell, striving to innovate and inspire.	
3 Cohorts, 2020-21	CoderDojo Mentor Had to privilege to teach young minds the basics of computer logic thorough <i>Scratch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

Infographics

Domain Knowledge



Technology Stack



Skills

Soft

Team Player



Adaptability



Communicator

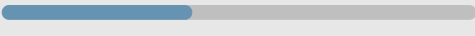


Hard

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