

Akshay Ragunathan

IT professional with Good Programming Knowledge, Strong Communication abilities and practical experience in both Hardware and Software Integration with a proven ability to deliver innovative tech solutions

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📍 Coimbatore, Tamil Nadu

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🐙 akshayragunathan03

SKILLS

- **Interested in** : Data Analytics | Python , SQL Development | Manual Testing | AI
- **Programming Languages** : Python,SQL,C | **Tools** : Git & GitHub, Power BI, MS Excel

EDUCATION

Dr. N.G.P. Institute of Technology

Electronics and Communication Engineering - 7.38

2021 - 2025

C.R.R Matric.Hr.Sec.School

HSC - 88.5%

2020 - 2021

PROJECTS

FPGA Based Object Detection Accelerator for Edge Devices [🔗](#)

Movie Recommendation System [🔗](#)

Weather Detector using IP Address [🔗](#)

Image Size Convertor [🔗](#)

WORK EXPERIENCE

Codveda Technologies - Power BI Intern

- I learned to import data from various sources, including Excel, SQL Server, and APIs.
- Gained experience with dashboards and DAX in data sets. I interpreted relationships between data.

Pantech Solutions Pvt.Ltd - FPGA Intern

- I participated in learning with a ZYNQ 7000 FPGA Development Board.Improved deep learning skills with PYNQ and working with the TINY YOLO v3 model to train neural networks.

KrishTec - IoT Intern

- Explored the KT-IoT Kit Board, examining its build and functionality.Developed a range of programs on the board and integrated them with coding structures using Micro Python software.
- Mastered PCB soldering and completed small assignments, verifying their functionality and performance using suitable software.

CERTIFICATE

AI Practitioner - Amazon Web Services | Python for Data Science, AI & Development | Data Analytics Masterclass

VOLUNTEER

- Coordinated National level Symposium, HENOSIS 2K24 at Dr.N.G.P.ITech.
- Coordinated Sports Carnival 2024 at Codissia ,Coimbatore.
- Member of Destination Lead by Orcas.