

GHANASHYAM R

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Thrissur



EDUCATION

Electrical and Electronics Engineering

Government Engineering College Thrissur
2020-2024

BS in Data Science and Programming

Indian Institute of Technology, Madras
2021 - Present

Higher Secondary

Hari Sri Vidya Nidhi School, Thrissur
2020

SKILLS

Programming and Web Development:

- Java
- Python
- C
- SQLite
- Flask
- HTML/CSS
- Bootstrap

Cloud and Infrastructure:

- AWS
- Linux/Unix
- Terraform

Simulation and Modelling:

- Matlab-Simscape, Simulink

EXTRACURRICULAR

Zonal Team, State-level Football Event

- Represented North Zone at state-level event.

Content Lead - GECT Chess Club

INTERNSHIP

Kerala State Electricity Board Ltd, 400 KV Substation Madakkathara.

05/2023 - 05/2023,

Tasks :

Participated In the routine check up of the Electrical Equipments in the Yard.
Participated in the operations in the Control Room.

IROV Technologies Private Limited, Kalamassery

Embedded Systems Intern

10/2023 - 04/2024

Tasks :

Implementation of ASV in ROS along with integration of payloads.

PROJECTS

Grocery Store Web Application

- Created a fully functional multi-user e-commerce app facilitates grocery shopping with efficient product management.

Cloud Resume Challenge : (Ongoing)

- Developed an engaging portfolio website as part of the Cloud Resume Challenge with secure deployment, API creation and established a seamless Continuous Integration/Deployment pipeline.

Cloud Native Monitoring Application on Kubernetes :

- Built a complete cloud monitoring system from start to finish, making sure we can track resources in real-time and easily scale the system for efficient management.

Miniature Home Automation

- Developed a miniature prototype for home automation using Arduino, RFID and Servomotor

Movie Recommendation System

- Developed a Movie Recommendation System using Machine Learning techniques such as cosine similarity, TF-IDF vectorization.

CERTIFICATIONS

Amazon Web Services (AWS) : AWS Certified Cloud Practitioner

Foundational Degree: BS Programming and Data Science, IITM