

Anandan M B

Software Developer | Full stack

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SKILLS

Languages : Python | JavaScript | SQL | NoSQL

Backend Technologies : NodeJS | ExpressJS | EJS | PlatfromJS | Axios | Lodash

Frontend Technoogies : React JS | HTML | CSS

Database : SQL [Postgres SQL , MYSQL , Sqlite3] | NoSQL [Mongodb]

Popular libries : Numpy | Pandas | matplotlib | sklearn | pytesseract | ROS

Platform : Native_hosting [manual Firewall DNS DHCP] | Heroku | Amazon aws Lightsnail [RDP] | Ngrok | Noip DDNS

Technilogies : ssh | sftp | ftp | dns | dhcp | rdp | hping

Tools : Wireshark | nmap | iptable | openDNS | openDHCP | opensense firewall

Projects

VPN server implementation on amazon aws [Softether | Linux Shell | ssh | xrp | React | NodeJS | vpncmd]

<https://eternityvpn.ddns.net>

Hosted Vpn server on amazon aws using softether binary supporting [ethernet over https, openvpn, l2tp/ipsec, ms-sstp] protocols with higher bandwidth capable of supporting distributed independent computer cluster management user interration is done by ssh xrp and web client

GTA-5 Fivem gaming server on amazon aws [linux shell, ssh, sftp ,ssh tunnelling ,iptables, mysql ,ddns etc..]

Hosted GTA5 Fivem gaming server on amazon aws using fivem binary and Mariya DB deployment in coast effective mannaer protected by iptable configuration, server administration by ssh, sftp,xrp for RDP

ROS controlled Drone : [Embedded C | Python | Linux Shell | ROS | Flask | matlab | Pid]:

Stm 32 Microcontroller based drone controlled by ROS linux library capable of controlling through keyboard key trigger , webinterface etc ,flight stabilization and calibartion is achived bi pid control algoritham, Interrupt vector registry, dma and matlab

RC controlled self-balanced bike : [Embedded C | Python | Linux shell | matlab]

Self vertical balance boat developed by STM controller, system intraction and calibration is performed by linux and python serial communication library

Education

B.Tech Mechanical Engineering at [National Institute of Technology Calicut] National Institute of Technology Calicut CGPA 7.45	2018 - 2022
Higher Secondary Education at [St. Stephens. HSS pathanapuram Kollam Kerala] Kerala board of higher secondary education 96.08%	2015 - 2017
Kerala board secondary education at [St. Stephens.HSS pathanapuram Kollam Kerala] Kerala board of higher secondary education 95% [10A+]	2010 - 2015

MOOC

1. Python - Coursera

2. **Data Structures & Algorithms in Python - Udacity**
3. **The Complete 2022 Web Development Bootcamp [Dr. Angela Yu] - Udacity**
4. **SQL for Data Analysis - Udacity**
5. **Django 4 and Python Full-Stack Developer Masterclass [Jose Portilla] - Udemy**
6. **Mastering Data Structures & Algorithms using C and C++ [Abdul Bari] - Udemy**
7. **Django 4 and Python Full-Stack Developer Masterclass [Jose Portilla] - Udemy**
8. **2022 Complete Python Bootcamp From Zero to Hero in Python - Udemy**
9. **Pc Hardware and Networking - Rutronix**