

# BALAJI V



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## Skills

- Python | Java | C ++ | JavaScript | Networks | React | MySQL | MongoDB | Data Science | ML
- Git | Cloud Computing | Artificial Intelligence | Frontend | Digital Marketing | UI/UX | Tamil , English .

## Experience

### Intern- Fortinet

#### Automation Developer Intern

Fortinet Technologies India Pvt Ltd ,  
Bengaluru, Karnataka ,  
Jan 2024 - July 2024 .

#### Key Responsibilities:

- Developed an automation tool to streamline firewall troubleshooting, significantly reducing the time and effort required by engineers.
- Designed and implemented a responsive and user-friendly frontend using Vue.js.
- Built and maintained a robust backend with FastAPI, ensuring efficient and reliable API endpoints.
- Integrated Python scripts to automate complex troubleshooting tasks, enhancing the tool's functionality.
- Utilized SQL for effective data storage .
- Collaborated with cross-functional teams to ensure seamless integration and deployment of the automation tool.
- Applied DevOps principles to automate the deployment process, improving workflow efficiency.
- Deployed the tool in linux server by using Docker

#### Technologies Used:

- Frontend: Vue.js
- Backend: FastAPI
- Programming Languages: Python, SQL
- DevOps Tools: Docker

## Education

### Amrita School Of Engineering

Bachelor of Computer Science and Engineering  
(CGPA : 7.89)

### Agaram Public School (CBSE)

- 12th(CBSE) - (81.2%)
- 10th(CBSE) - (89.3%)

## Projects

### **Yelp Review Analysis using ML Algorithms and MongoDB**

Jan 2023 - Feb 2023

- We collected data of review and preprocessed it , also we extracted the feature
- Implemented multiple ml algorithms for review analysis, achieving accurate classification results

### **Knowledge Graph for Medical Prescription reasoning**

Nov 2022 - Feb 2023

- During the TECHgium Hackathon at the LTTS office in Mysore, I led a pivotal project where we created a robust knowledge graph system. Our work involved performing advanced reasoning on a substantial medical dataset, encompassing symptoms, treatments, patient attributes (such as height and gender),.more

### **React Portfolio project**

Feb 2022 - Dec 2022

- Achieved proficiency in React framework and Node.js API development through online bootcamps and self-guided learning, resulting in the successful completion of a portfolio project.

AI-Powered Web Protection

Nov 2022 - Dec 2022

EHR using Blockchain and Cloud

Jan 2022 - March 2022

Breast Cancer Detection Using K-Nearest Neighbors and Logistic Regression

Jan 2022 - March 2022

## Certificates

NSE - 4

Jan 2024- March 2024

- The skill I got from this certificate are :- Firewall, Fortigate , HA, Network Security,VPN,SD-WAN,
- Routing , Secure remote Access , Authentication.

AWS Academy Graduate - AWS Academy Cloud Foundations

Dec 2023- Jan 2024

- The skill I got from this certificate are :- AWS Architecture , AWS Cloud , AWS Core Services

AWS Academy Graduate - AWS Academy Cloud Architecting

Jan 2024-Feb 2024

- The skill I got from this certificate are :- Architecting Solutions On AWS, AWS Cloud Best practices  
, Building Infrastructure On AWS

Google Digital Marketing

Jun 2022 - Jul 2022

Complete Web-development Bootcamp, Completed data Science Bootcamp, Complete Python Bootcamp,.

## Hackathons

TECHgium at LTTS office in Mysore

Nov 2022 - Feb 2023

Codegoda 2022

Jan 2022

## Publication

ANIMAL INTRUSION DETECTION USING YOLO V8 ( IEEE )

ICACCS 2024.

RIP VASED KNOWLEDGE GRAPH CONSTRUCITON FOR PRESCRIPTION  
REASONING ( IEEE)

ICCCNT 2024