Prasanna k

prasanna11600@gmail.com | 9025371542

EDUCATION

VELS UNIVERSITY

BSC COMPUTER SCIENCE
Major GPA: 7.32/10
June 2022 | Chennai, Tamil Nadu

JAWAHAR MATRICULATION

HIGHER SCHOOL CERTIFICATE
May 2016-2018 | Neyveli, Tamil Nadu

JAWAHAR CBSE

SECONDARY SCHOOL CERTIFICATE
May 2016 | Neyveli, Tamil Nadu

LINKS

Github:// **prasanna**
LinkedIn:// **prasanna**
Leetcode:// **-prasanna**
Hashnode:// **@prasanna**

RELEVANT COURSE

Cyber Security Learning
Open Source Software Engineering
Networking Essentials
Linux Course - Basic Fundamentals

SKILLS

- Programming: Python, Golang,php
- Database: SQL,Redis
- Version Control: Git
- Cloud Computing- AWS(EC2,RDS,S3)
- Unit Testing : Pytest
- Web Security
- Design and architecture skills

TECHNOLOGY

- Ansible
- Terraform
- Jenkins
- Version control systems
- Linux
- Docker
- Automation & Scripting

EXPERIENCE

TRUE TRACKING SOFTWARE DEVELOPER

March 2023 - Present | Chennai ,Tamil Nadu

- Established a scalable web services and microservices architecture utilizing Ansible and Terraform to orchestrate and automate third-party integrations and functionalities.
- Collaborated with the front-end team, integrating UI components with Python and Golang and RESTful web services, resulting in a seamless user experience.
- Successfully established a web services and microservices architecture using REST APIs for third-party integrations.functionalities.

4W TECHNOLOGIES | BACKEND DEVELOPER INTERN

Nov 2022 – Jan 2023 | Chennai , Tamil Nadu

- Contributed to the Shipping Management Project by developing a user-friendly web interface using HTML, CSS, and JavaScript, showcasing a strong grasp of front-end technologies.
- Create using FastAPI framework and Django for Backend Development

PROJECT

FULLCALENDAR WITH AUDIO ANNOUNCER Link

Nov 2023 – Jan 2024

- Backend Implementation: Developed using PHP [CORE] on a Raspberry Pi 3, with Python handling audio playback and GPIO control.
- Object-Oriented Design (OOP): Utilized classes to encapsulate data and behavior for users, audio files, and schedules, enhancing maintainability and reusability.
- RESTful API: Provided well-defined endpoints for CRUD operations on user data, audio files, and schedules.
- Asynchronous Task Processing: Employed Celery for scheduling audio file announcements, improving scalability and responsiveness.
- Containerization: Utilized Docker to containerize the application, ensuring consistent deployment and environment setup across different platforms.

INVENTORY MANAGEMENT SYSTEM Link

Jun 2023 – Aug 2023

- Backend Development: Utilizing the Golang Gin framework for backend development ensures robustness, high performance, and scalability, providing a solid foundation for the application.
- Cloud Services: Employed AWS services, including EC2 for scalable compute resources and RDS for reliable database management.
- Configuration Management: Implemented Ansible for efficient configuration management and deployment automation, streamlining updates and maintenance processes.