# Prasanna k

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## 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
- Framework: Flask,Fastapi,Pandas
- Database: SQL,Redis
- Version Control: Git
- Cloud Computing- AWS(EC2,RDS,S3)
- Unit Testing : Pytest
- Web Security
- Design and architecture skills

### TECHNOLOGY

- Version control systems
- Linux
- Docker
- Automation & Scripting
- Web Automation[Selenium]

## EXPERIENCE

### TRUE TRACKING  Software Developer

March 2023 - Present | Chennai ,Tamil Nadu

- Developed and maintained high-performance backend systems, resulting in a 15% increase in website traffic and conversion rates.
- Design and implement RESTful APIs to facilitate communication between frontend and backend systems.
- 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.

### 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.
- Developed RESTful APIs for task creation, deletion, and modification
- Create using FastAPI framework for Backend Development

## PROJECT

### TIMESYNC AUDIO ANNOUNCER  Link

Nov 2023 – Jan 2024

- The backend, implemented using a Php[CORE] and Python framework like flask and celery, handles core functionalities.
- Object-Oriented Design[OOPS]: Classes encapsulate data and behavior related to users, audio files, schedules, etc., promoting code maintainability and reusability.
- RESTful API: The backend exposes a RESTful API, providing well-defined endpoints (URLs) for CRUD (Create, Read, Update, Delete) operations on user data, audio files, and schedules.
- Asynchronous Task Processing with Celery: By employing Celery for asynchronous task processing, such as audio file processing and announcement scheduling, TimeSync achieves enhanced scalability and responsiveness.

### DRIVE 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.
- Database Management: AWS RDS is utilized for efficient storage and management of drive data, ensuring scalability and reliability.
- User Authentication: Secure user authentication to ensure only authorized personnel can access and modify drive details.