






Anurag Munde

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SUMMARY

Motivated software engineer, with a focus on developing robust, real-time applications. Possessing a strong foundation in problem-solving and a keen interest in technology, seeking a challenging role to kick-start a career in software development.

TECHNICAL SKILLS

Languages: Python, C++, Go, JavaScript
Frameworks: NodeJs, Gin
Tools: Git, GitHub, Visual Studio
Databases: PostgreSQL, MongoDB
Other skills: Linux, docker

PROJECTS

Hand+Ctrl - gesture aided navigation tool | *Python, RSAutoGUI, MediaPipe, OpenCV, rsautogui*

- Developed a computer vision-based system to simulate system navigation using hand gesture for **robotic applications**.
- Implemented hand gesture recognition (HGR) using BlazePose models, achieving accurate tracking of hand and finger movements.
- Improved the system's responsiveness and accuracy in translating gestures into mouse movements by 150-200 ms using **rust implementation** of pyautogui (rsautogui).

SecureSend - Secure FTP client | *Python, Paramiko, Tkinter, Cryptography, Gzip, Unittest*

- Created a **secure file transfer client** using Paramiko, enabling encrypted and compressed file uploads/downloads. The client features a progress tracker for file transfers.
- Implemented file encryption using the **cryptography** library and compression with gzip, ensuring data confidentiality and efficiency.
- Designed a Tkinter-based GUI allowing users to input server credentials, and select files for upload/download.

Healme - healthcare api | *Go, Gin, Gorm, PostgreSQL, Docker, JWT*

- Architected a healthcare API using Go, with features like Non-Blocking Appointment Rescheduling, role-based Access Control, and Real-Time **Data Logging**.
- Integrated JWT-based authentication, ensuring end-to-end security across all API endpoints.
- Achieved a significant performance uplift by optimizing PostgreSQL queries and managing resources with Go's efficient concurrency model.

EXPERIENCE

Oasis

Remote

Job Description: Data Science Intern

feb 2023 - mar 2023

- Built machine learning models to solve complex data science problems. Performed data cleaning and pre-processing tasks to prepare datasets for analysis.
- Created interactive visualizations to enhance data exploration and communication.

EDUCATION

Bachlors of Engineering (B.E) in Artificial Intelligence and Machine Learning

July 2020 -June 2024

Savitribai Phule Pune University, Pune

GPA: 8.9

Coursework :

Object oriented Programming, Data Structures and Algorithms, Deep Learning, Artificial Neural Networks, Computer Networking, Operating System.