Utkarsh Priyadarshi

🎓 Hello! I'm Utkarsh Priyadarshi, currently exploring the depths of Computer Science as a B.Tech student at MIT WPU Pune (2020 -2024). I have a real passion for web applications, where i like to work on both the frontend and backend technologies to build innovative solutions. My journey isn't just about coding; it's about creating architectures that make sense and systems that work seamlessly. As I continue to grow and learn, I'm eager to tackle projects that keeps me challenged and provides value to the consumers.

Education

Dr. Vishwanath Karad MIT-WPU | B.Tech CSE **(9.52 CGPA)**   2020 - 2024

JVM Shymali | HSC-CBSE **(89 %)**   2019

DAV Urimari | SSC-CBSE (**10 CGPA**)   2017

Experience

DevOps Intern - IDeaS - Revenue Management Software & Solutions   Jan 8, 2024 - June 28, 2024

Docker Management Platform for VMs

- Created a robust management solution for Linux VMs using React and FastAPI
- Implemented real-time container monitoring with WebSocket technology
- Developed detailed visualization for Docker resources (images, containers, volumes, networks)
- Created an interactive file explorer for container filesystem inspection
- Integrated a web-based terminal for direct container interaction

Database Migration and Monitoring Pipeline

- Designed and implemented an automated pipeline for Windows to Linux VM database migration using Golang.
- Established a critical monitoring system for production database restoration from Commvault using Golang.

Technical Skill Learnt

- Acquired proficiency in Golang, enhancing backend development capabilities
- Deepened expertise in Docker, learnt containerization techniques
- Improved skills in Python, JavaScript, and React

Projects

- Docker Administration Tool for Linux Vms (React, SQLite, FastApi, Python, Docker, Linux)
- DSS project for Skoda - A web tool to manage and analyze all their employees trainings across pan-India. (ReactJS, Python, Pandas, Django, SQLite)
- Backend web framework in Golang having functionalities like middleware, inbuilt caching, security, session management.
- SQL like database having CRUD functionalities in Golang.
- A custom Version Control System like Git using Golang.
- Full-Stack Real-Time Messaging App (React JS, Node JS, Redis, MongoDB)
- Real-time library books management System (IoT, Arduino, Python, Raspberry PI)
- Weed-detection tool in agricultural fields (PyTorch, Python, pandas, OpenCV)
- Single Digit Number Calculator using hands (OpenCV, Python)
- Hackathon Management android application for college hackathon participations.

Skills

Languages

JavaScript , TypeScript, Java, Golang, Python

Frameworks

ReactJS (JS), Express (JS), Django (Python), Flask(Python), FastAPI(Python), Gin(Golang)

Databases

Redis, MongoDB, MySQL

Tools

Git, Docker, Kubernetes

```
hire_me = input("Do you want to make me a part of your incredible journey")
```

Contact

Reach me at utkarshpriyadarshi5026@gmail.com . Let's connect and build together!

Thanks for stopping by! 👋