SURYANSHU SAINI

Open Source Enthusiast

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✉ Vellore Institue of Technology, Vellore - 632014, Tamil Nadu

EXPERIENCE

UI/UX Design Intern 🔗

PhPPoets

📅 May 2024 – July 2024   📍 Udaipur, Rajasthan

Certificates 🔗

- Design interactive websites and mobile applications for real world clients in figma
- Two case studies completed with direct feedback from client

PROJECTS

WebMellon 🔗

Bookmark Aggregator & RSS Feed App 🔗

- Built a full-stack bookmark aggregator and RSS reader using **Next.js**, capable of parsing feeds from YouTube, WordPress, and major news sources
- Implemented OAuth-based authentication via **NextAuth** with Google and GitHub providers
- Utilized **Shadcn UI** components with **Tailwind CSS** for consistent and responsive styling
- Containerized the app using **Docker** and established a **CI/CD pipeline** with **GitHub Actions**
- Set up **Prometheus** for collecting metrics and **Grafana** for visualisation.

We Go Wayback 🔗

Golang Implementation of Wayback Discover Diff

- Rewrote the original **wayback-discover-diff** tool in **Go**, improving performance and modularity
- Developed a module for calculating **SimHash** 🔗 values on archived web pages from the **Wayback Machine**
- Built with **Asynq** for managing jobs with **Redis** as backend and go routines for concurrency.

ACMOne 🔗

ACM-VIT

- **UI/UX designing** for an internal management and communication app built specifically for the **ACM-VIT chapter**
- Splash screen animation from prototyping in **figma** to motion graphics in **Lottie**

ACHIEVEMENTS

🏆 **Best Pitch**
Design Odyssey (2024) organised by Pixelate, VIT, Vellore

🏆 **3rd Place** 🔗
Reverse Coding (2024) organised by ACM, VIT, Vellore

🏆 **3rd Place** 🔗
Xploit (2022) organised by IEEE, VIT, Vellore

🏆 **8th Place** 🔗
Fork This (2022) organised by CSI, VIT, Vellore

SKILLS

Programming Languages:

Golang   TypeScript

Frameworks and Libraries:

React   Next.js   SvelteKit   Hugo   Hono

Tools and Technologies:

Git   Figma   Docker   Redis   Kubernetes   Prometheus   Grafana   Linux

EDUCATION

B.Tech - Computer Science and Engineering

Vellore Institute of Technology, Vellore

📅 2022 – Ongoing

CGPA: 8.74

12th (CBSE)

Delhi Public School, Udaipur

📅 2021 – 2022

Score: 79%

10th (CBSE)

Delhi Public School, Udaipur

📅 2019– 2020

Score: 85%