GOWTHAM KUMAR VULLURI

Full Stack Engineer (Django-React)

📞 Phone   ✉ Mail   👤 Portfolio   💼 LinkedIn   🐙 GitHub   Ⓗ HackerRank   💻 LeetCode

SKILLS

Programming Languages	Python, JavaScript, C++, HTML5, CSS
Libraries/Frameworks	Django, Django REST, React, Redux, TailwindCSS, Shopify API, Next.js, Node.js
Tools/Platforms	Git, AWS, Linux, Postman, VS Code, Jupyter Notebook, Docker, Celery, Shopify

EXPERIENCE

Full Stack Engineer
TryOn Labs

Jul 2023 – Present
Singapore (Remote)

- Engineered and launched **scalable** web components within both **Playground By TryOnLabs** and **TryOn AI** projects, delivering an impressive solution portfolio that increased customer satisfaction as evidenced by positive user feedback from hundreds.
- Built and deployed **20+ RESTful APIs** and **20+ reusable UI components**, improving code reusability by 40%, and integrated the **Cashfree payment gateway** singlehandedly, ensuring seamless payment processing.
- Leveraged **Django, React, Shopify API, Docker,** and **AWS** to develop secure, scalable web applications, supporting 300+ users with 99.9% uptime.

Shopify Developer (Freelance)
VideoIt

July 2024 – Nov 2024
Bangalore, India (Remote)

- Constructed and optimized a Shopify-based video shopping platform, enhancing video streaming performance by 30% and boosting user engagement by 18% through **HLS (HTTP Live Streaming) integration**, resulting in 35% faster video load times.
- Revamped website animations and transitions for a more fluid and interactive shopping experience, driving a 18% increase in user interaction time and a 10% boost in overall sales.
- Leveraged **Liquid**, **Shopify API**, **JavaScript**, and **CSS** to customize themes, optimize video delivery, and ensure platform stability for over **1000+ users**.

EDUCATION

Gayatri Vidya Parishad College of Engineering(Autonomous)
B.Tech, Computer Science - CGPA: 7.17

Aug 2019 - Apr 2023
Visakhapatnam, India

PROJECTS

PLAYGROUND BY TRYONLABS – Link

- Created an **interactive platform** for experimenting with **AI models**, enabling **Virtual try-ons**, **Model Swaps**, and **Human Model Generations**, providing over **300+ users** with realistic AI-powered experiences.
- Enhanced the platform for **cross-device compatibility**, ensuring seamless performance across desktop and mobile environments with **99.9% uptime** and support for over **100+ concurrent users**.
- **Tech Stack:** React, Redux, TailwindCSS, Django, Django REST, SQLite.

TRYON AI - THEME APP EXTENSION FOR SHOPIFY – Link

- Designed the first customer-facing **Virtual Try-On solution** for D2C fashion brands, serving over **50+ merchants**, enhancing online shopping experiences, and increasing customer satisfaction by **25%**.
- Executed seamless integration of virtual try-on features within the Shopify ecosystem, optimizing conversion rates and boosting sales potential for fashion retailers by **20%**, contributing to a **15% reduction in return rates**.
- **Tech Stack:** React, TailwindCSS, JavaScript, Liquid, Shopify, Shopify API.

VIDEOIT - VIDEO SHOPPING – Link

* Implemented **HLS (HTTP Live Streaming)** for seamless video playback, enhancing video player performance by **30%** and elevating user engagement by **18%**.
* Optimized site performance through effective caching strategies, resulting in a **30% reduction in video buffering incidents** and **25% faster load times**.
* Employed responsive design techniques to ensure **full compatibility across all devices**, improving user experience for over **1,000+ users** on Shopify platforms.
* **Tech Stack:** Shopify, Liquid, CSS, Javascript.

MEDICAL RECOMMENDATION SYSTEM – Link

* Developed a **symptom-based disease detection system** utilizing advanced algorithms, providing **80% diagnostic accuracy** and tailored doctor recommendations .
* Implemented features for appointment bookings with recommended physicians, increasing patient access to healthcare services by **20%**.
* Empowered doctors to update the system with new diseases, facilitating **real-time improvements** in diagnostic accuracy and care quality.
* **Tech Stack:** Django, Django REST, HTML, Javascript, MySQL.

CERTIFICATIONS

- **HackerRank** - Python Certification – Link
- **HackerRank** - Problem solving Certification – Link