

SHASHANK GUPTA

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EDUCATION

University of Mumbai – Thadomal Shahani Engineering College (TSEC)

Mumbai, India

Bachelor of Engineering in Information Technology

2021 - 2025

TECHNICAL SKILLS

Languages : C++, Python, TypeScript, Golang
Frontend : JavaScript, React.js, Next.js, Tailwind
Backend : Node.js, Express.js, Flask, Echo (Go)

Data : PostgreSQL, MongoDB, Redis, MySQL
Devops : Github Actions, AWS, Docker
Tools : Git, Postman, Vercel, Vim, Cloudflare

WORK EXPERIENCE

Software Engineer Intern, AlphaWave.AI

Jan 2025 - Present

- Led early cloud platform R&D, building PoCs for S3-like storage and EC2-style compute with containerized infra.
- Pivoted to lead quant efforts—built trading pipelines with Python, FastAPI, Docker microservices.
- Integrated ML models for data structuring, extracting relevant information and placing trades.

Full Stack Developer Intern, Kld Steels Pvt.Ltd

August 2024 - October 2024

- Engineered a complete stock research platform. Integrated **Financial Data APIs** for real-time stock analysis.
- Engineered a secure, scalable backend with **Python** and **Flask**, handling high-volume requests at all times.
- Managed Devops using **AWS** and **Cloudflare**. Responsible for tracking analytics using **GA4** and monetizing using **Google AdSense**.

Software Engineer Intern, One Inc Cooperative

June 2024 - August 2024

- Engineered a comprehensive integration of Vue Flow with **FastAPI**, **Prisma**, and **PostgreSQL** for backend operations; resulting in a **30% reduction in data processing errors**.
- Led frontend development using **Vue.js**, **Nuxt.js** and **TypeScript** to build scalable web frontends **improving significant code quality**.

Full Stack Developer Intern, Bestfares365

April 2024 - June 2024

- Built interactive, responsive frontend components using **Next.js** and backend APIs using **Express.js**.
- Collaborated with the founder on product design and API integration, ensuring code consistency.
- Designed and implemented **scalable backend APIs** using **Express.js**, ensuring high performance and optimized data processing for smooth user interactions.

AI Engineer Intern, Proton Data Labs

Jan 2024 - March 2024

- Engineered backend solutions with **Python**, **Flask**, and **FastAPI** to enhance API performance.
- Integrated **ChatGPT-4** with backend services to enhance natural language processing capabilities and enable scalable, real-time interactions.
- Collaborated on full-stack development, ensuring smooth interaction between **React.js** and backend APIs.

Full Stack Developer Intern, FinWURL Enterprise Ltd.

July 2023 - Dec 2023

- Individually led the development of secure RESTful APIs using Express.js, serving over **1000+ customers**.
- Ensured robust API architecture while handling **Banking APIs** with a focus on utmost **Security**, **Scalability** and **Performance optimization**.

PROJECTS

Nymbus 📄 | *Instant deployment solution for frontends.*

Next.js, Golang, PostgreSQL, AWS S3, Cloudflare

Nymbus is a cutting-edge platform designed to **streamline the deployment process for frontend applications**. With a **single click**, developers can deploy their apps effortlessly—just provide the link, and Nymbus handles the rest. This powerful tool makes launching frontend apps **fast, reliable, and hassle-free**.

Ludo Multiplayer Game 📄 | *Online multiplayer board game.*

React.js, Node.js, Express.js, TypeScript, WebSockets

A feature-rich platform that allows users to **play Ludo online with friends in real-time**. The game includes an **interactive game board**, and real-time communication powered by **WebSockets**. Built with a focus on **scalability and responsive design**, it ensures a smooth gaming experience across devices.

Testimonials 📄 | *Effortless customer testimonial integration*

Next.js, Express.js, PostgreSQL, Prisma, TypeScript

A tool designed to help product owners **collect, manage, and embed customer testimonials effortlessly**. By using a customizable form and a simple script, users can **gather both text and video testimonials**, select the best ones via an **intuitive dashboard**, and display them on their websites with **minimal setup**.

EXTRACURRICULAR ACTIVITIES

- **First Position** at **Smart India Hackathon 2023** Organized by Government of India. (Top 1 in 500+)
- **Grand Finalist** at **Flipkart Grid 5.0** Organized by Flipkart. (Top 0.5% in 4,00,00+)
- **First Position** in AI/ML domain at **HackX** Hosted by St. Francis Institute of Technology. (Top 1 in 50+)
- **Third Position** at **KJSCE Devopia** Organized by KJ Somaiya College of Engineering. (Top 3 in 150+)