

EDUCATION

- Bachelor of Technology in Computer Science and Engineering** 2023-27
GLA University, Mathura CGPA: 8.3

PERSONAL PROJECTS

- Medzo | Automating Clinic Management**

Developed a web-application to automate appointment booking and handle patient records and reports.

- Developed two applications for patient and clinics to manage their appointments and medical records.
- Made a unified server to maintain connections with both the applications and applied indexes and caching to make it faster.
- Technology Used: Next.js, Express.js, PostgreSQL, PrismaORM, Redis, Turborepo

- Chatsip | Chat & Video Call**

Developed a React-based web application enabling real-time user chat and video calling feature.

- Utilized WebSocket and WebRTC to establish a persistent server-to-client as well as client-to-client connection.
- MongoDB as a database to manage high write loads of messages queried with Prisma.
- Technology Used: Next.js, React, Express.js, MongoDB, Node.js, Web-Sockets, WebRTC

- Other Projects**

I love building products and I make web applications to use them in for my daily life.

- Expense Tracker - Track my expenses, Workflow - Interactive task management, Shopister - Shop products and Pay, Blog - I write my blogs here, Bank Wallet, Stock Exchange, Bots for Twitter, LinkedIn, Instagram, Slack with Python & Go

EXPERIENCE

- Full Stack Developer Intern** May - July 2024
Legabyte Innovations Remote

- Collaborated with a team of Full Stack interns under the guidance of CTO to build the company's final product.
- Designed an API Gateway using FastAPI to facilitate seamless data transactions between front-end and back-end systems, improving data transfer speed by 25% and enhancing system reliability.
- Containerized APIs using Docker and deployed them to a Kubernetes cluster hosted on Microsoft Azure Cloud.
- Collaborated with the frontend team to build 15+ components and page structures in Next.js, utilizing UI libraries such as Shadcn-UI, Material-UI, and Mantine-UI, resulting in a 30% increase in development efficiency.

- Next.js Developer Intern**

Vistarant Technotrix Pvt. Ltd.

June 2024

- Optimized code in private repositories, enhancing SEO performance by more than 30% and increasing page load speed by 30%, resulting in 15% boost in organic traffic.
- Sharpened Next.js and React skills to write optimized code, reducing load times by 20% and improving overall website performance, ensuring a seamless user experience.

Remote

TECHNICAL SKILLS AND INTERESTS

Technologies: C/C++, Python, JavaScript, TypeScript, Golang

Libraries: React, Next-Auth, Tailwind CSS

Frameworks: Next.js, Express.js

Databases: MongoDB, PostgreSQL, Redis

DevOps: Docker, Kubernetes, CI/CD, Jenkins

Backend Technologies: Queues, Pub-Subs, Web Sockets, WebRTC, Kafka

Tools: Node.js, Grafana, Prometheus, gRPC, Prisma

POSITIONS OF RESPONSIBILITY

- Geeks for Geeks - GLAU (Associate)** Oct 2023 - May 2024
 - Volunteered at events to ensure smooth functioning alongside colleagues.
 - Part of tech and content team, did editing for social media handles.