

## 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 CTO's guidance 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

Remote

- 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.

## TECHNICAL SKILLS AND INTERESTS

**Technologies:** C/C++, Python, Javascript, TypeScript, Golang, Java

**Libraries:** React, Next-Auth, Tailwind CSS

**Frameworks:** Next.js, Express.js,

**Databases:** MongoDB, Firebase, 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.