

Ankush Singh
Full Stack Developer
Balajipuram, Mathura

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GitHub Profile
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EDUCATION

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

PERSONAL PROJECTS

- Paytm Wallet (end-to-end)**
Developed a wallet capable of performing transactions and interacting with real bank servers.
 - Enabled bank transactions and secure wallet storage for users and merchants.
 - Managed three servers using Turborepo with in-house authentication via NextAuth.
 - Technology Used: Next.js, PostgreSQL, Prisma ORM, Express.js, Turborepo, CI/CD, Docker
- Realtime Chat App**
Developed a React-based web application enabling real-time user chat.
 - Utilized WebSockets to establish a persistent connection between server and client.
 - Technology Used: React, Express.js, MongoDB, Node.js
- Shopping Application (Shopify)**
Developed a web application enabling product purchases with integrated payment processing.
 - Both admin and user panel were available for seamless purchases and payments.
 - Technology Used : TypeScript, Next.js, Tailwind CSS, Shadcn-ui, MongoDB, Rest API, Cloudinary, Stripe

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** June 2024
Vistarán Technotrix Pvt. Ltd. Remote
 - Optimized code in private repositories, enhancing SEO performance by more than **30%** and increasing page load speed by **30%**, resulting in a **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, Tailwind CSS
Tools: Node.js, VS Code, Git, GitHub, Postman
Frameworks: Next.js, Django, Express.js,
Cloud/Databases: MongoDB, Firebase, PostgreSQL, CosmosDB, Redis
DevOps: Docker, Kubernetes, Monitoring, Scaling, Testing, AWS
Advanced Backend: Queues, Pub Subs, Web Sockets, System Design (beginner level)
Soft Skills: Problem Solving, Self-learning, Presentation, Flexibility
Areas of Interest: Web Design and Development, Cloud Security and Architecture, Golang Development and Programming

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.