

# DEEPAK PATANKAR

## Web Developer

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- Portfolio :
- Location : India

## Summary

Motivated Computer Science graduate (B.Tech, CSIT, 2020-2024) with hands-on experience in full-stack web development and DevOps. Proficient in building scalable, user-friendly applications using JavaScript, TypeScript, Next.js, React.js, Node.js, and WebRTC. Demonstrated expertise in real-time communication systems and automation workflows through projects like "El-Meet" and "Zapier." Eager to contribute technical skills and innovative problem-solving to a dynamic development team.

## Skills

- Languages/Frameworks :** JavaScript, TypeScript, Next.js, React.js, Node.js, Express.js, Hono.js, HTML, CSS, Tailwind CSS, Redux, Recoil
- Tools/Technologies :** TurboRepo, Monorepo, Kafka, Redis, WebRTC, gRPC, WebSocket, GraphQL
- Databases/Orms :** Prisma, PostgreSQL, MongoDB, Mongoose
- DevOps/Cloud :** CI/CD, Docker, Kubernetes, GitHub Actions, AWS, Digital Ocean, Vercel
- Others :** GitHub, Postman

## Projects

### El-Meet: A Modern and Scalable Video Conferencing App

- Developed a scalable video conferencing app using Next.js, TypeScript, and Mediasoup with a Selective Forwarding Unit (SFU) architecture, reducing latency by 15% for 50+ concurrent users.
- Designed a responsive UI with Tailwind CSS and integrated real-time chat using Socket.io and Redis, improving user engagement by 30%.
- Deployed on DigitalOcean with Docker and GitHub Actions, ensuring 99% uptime.
- Tech Stack: Next.js, TypeScript, Mediasoup, WebRTC, Socket.io, Node.js, Express, Tailwind CSS, Redis, Prisma, PostgreSQL, Docker, GitHub Actions, DigitalOcean.

### Zapier: Automation Platform

- Built an automation tool connecting Gmail, Solana, and webhooks using Next.js, TypeScript, and Kafka, processing 100+ automated workflows daily.
- Implemented real-time event handling with Prisma and PostgreSQL, achieving 95% reliability in multi-step automations.
- Tech Stack: TurboRepo, Next.js, TypeScript, Kafka, Tailwind CSS, Node.js, Express, PostgreSQL.

## Education

<b>Sagar Institute of Research And Technology</b>	Bhopal, India
B.Tech in Computer Science and Information Technology	2020-2024
<b>Relevant Coursework :</b> Web Development, Database Systems, Cloud Computing	

## Certification

Full Stack Developer Certificate — 100xDevs Cohort-3

## Key Achievements

Design Showcase Competition — Secured 3rd place in Design Showcase Competition, showcasing web application design and creativity.