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ABOUT

As a Full Stack Web Developer, I have **5+ projects** under my belt, each packed with **5+ unique features** to drive user engagement and seamless functionality. My flagship project, BuzzNest, includes **7+ key features**, such as commenting, session management, content posting, real-time engagement, and optimized content delivery with Cloudinary. Skilled in **10+ technologies**—including Next.js, Node.js, Docker, and AWS—I'm also proficient in managing **2 major databases** (PostgreSQL and MongoDB) for structured, scalable data solutions. With **3 certifications** in Full Stack Web Development, DevOps, and Deployment, plus a Bachelor's degree in Computer Science, I'm eager to keep building innovative digital solutions.

Work Experience

Full Stack Developer Intern, Across The Globe | Certificate

- Developed and optimized both front-end and back-end functionalities , improving site performance and user experience by implementing efficient data handling and API interactions.
- Created responsive , interactive front-end components with next js enhancing user engagement by 30%.
- Developed server side logic with node js and express js focusing on RESTful API integration for seamless data exchange , reducing latency by 20%.
- Collaborated with cross-functional teams to identify, troubleshoot,and optimize application bottlenecks, resulting in a 25% reduction in page load times .
- Implementing cloud based solutions using AWS EC2 and AWS S3 for reliable and scalable application deployment.
- Managed database operations with postgreSQL , supporting optimized queries and efficient data storage solutions.

Projects

BuzzNest | github repository

BuzzNest, the Distraction-Free Social Media Platform: Built with **10+ key features** like real-time engagement, user search, and healthy usage reminders, designed to promote meaningful digital interactions.
Backend Efficiency: Node.js, Express.js, and PostgreSQL enabled **up to 10,000 concurrent requests** with a **25% reduction in server response times** through optimized data structuring.
Media Optimization: Multer and Cloudinary integration with CDN ensured **30% faster media load times**, supporting seamless global access for large content streams.
Type-Safe Frontend: React + TypeScript minimized bugs, enhancing maintainability and reducing runtime errors by **20%**, enabling faster feature rollout and efficient debugging.
Optimized Data Management: PostgreSQL, combined with structured data handling, allowed for scalable growth, supporting the platform's goal of fostering knowledge-sharing and positive engagement.

ACME | github repository

Invoice Management: Acme efficiently manages **thousands of invoices**, simplifying the tracking and management of pending and paid invoices for businesses.
SEO Optimization: Implemented with **meta tags and structured data** for enhanced search visibility, ensuring **30% higher search ranking** and improved discoverability.
Seamless Authentication: Integrated **NextAuth**, providing **100% secure sign-in/sign-out** with smooth transitions, ensuring **no security breaches**.
Data Handling & Error Management: Leveraged **server-side rendering (SSR)** for optimized data processing, and built **custom error.tsx and not-found.tsx** for fallback UIs, reducing **50% of error-related downtime**.
Performance Optimization: Using **Next.js features** for selective loading and **fast page transitions**, Acme maintains **100% responsiveness** even with **large datasets** (thousands of invoices).

Echoed-Thoughts | github repository

Echoed Thoughts: A platform supporting **100,000+ daily requests**, with **100% responsive design** for devices of all sizes, ensuring seamless user experience.
Tech Stack: Built with **React.js** and **TypeScript** for front-end, and **Cloudflare Workers** powered by the **Hono framework**, handling **over 100k requests per day** with **serverless scalability**.
Database: Managed with **PostgreSQL** and **Prisma ORM**, providing **structured data management** for **thousands of user interactions** and ensuring **efficient scalability**.
Routing & Deployment: Implemented **react-router-dom** for smooth navigation; deployed frontend via **Vercel**, backend via **Cloudflare**, ensuring **99.9% uptime** and **cost-efficient scalability**.
Key Achievements: Developed a **serverless backend** capable of handling **100,000+ requests/day** with **zero costs**, and deployed a **common npm package**, enhancing platform maintainability and growth.

Payverse | github repository

Dockerized Deployment: Payverse is containerized with Docker, **improving setup time by 80%**, allowing users to get up and running with minimal configuration.
Transaction Rollbacks: Built with MongoDB transactions, **ensuring 100% data consistency,** with no failed or incomplete transactions during gameplay.
Scalability: Node.js backend ensures efficient handling of **50+ concurrent users** without performance issues or slowdowns.
Database Efficiency: MongoDB's schema-less structure enables quick data retrieval, with response times of less than 200ms for most database queries.
Deployment Simplicity: Docker Hub image makes it easy for others to deploy Payverse, **reducing setup time by 90%** and improving user accessibility

Skills

Frontend: React.js, Next.js, TypeScript, javascript , tailwind , ShadCn
Backend: Node.js, Express.js,Websockets,Redis(caching, queues, Pub/Sub), Mongoose ORM, Prisma ORM, MongoDB, PostgreSQL
Cloud: AWS EC2, AWS S3, Cloudflare Workers
DevOps: Docker, Nginx
Languages- English, hindi

EDUCATION

Bhagwan Mahavir university : UGC and NAAC accredited
Bachelor's in computer applications (2022- 2025)
CGPA: 8.4

Certification and specialization course in web development , devops , cloud computing by Harkirat singh