

DIVYANSH KARAN

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EDUCATION

Bachelor of Technology, VIT Bhopal University, Bhopal, Madhya Pradesh Expected 2026
CGPA: 8.83/10

Grade XII, Munam Public School, Hazaribagh 2021
Grade: 94%

Grade X, Angels High School, Hazaribagh 2019
Grade: 84.8%

SKILLS AND CERTIFICATIONS

Programming Languages: Java, C, C++, Python, JavaScript, TypeScript, HTML/CSS, SQL.

Developer Tools: Git, GitHub, Vercel, Linux, Postman, Figma, Canva.

Technologies Frameworks: Next.js, React.js, Express.js, Node.js, FastAPI, MongoDB, PostgreSQL, Prisma, Supabase, Shadcn UI, Mantine UI, Tailwind CSS, Jest.

DevOps Cloud: Docker, Kubernetes, AWS, Nginx, Apache Kafka, Microservices.

Languages: English, Hindi, German (A2 proficiency).

PROJECTS

Shelfspace | Next.js, Express.js, PostgreSQL, MongoDB, Redis, Apache Kafka, NextAuth Jan 2025 - Ongoing
Full-stack Developer

- Developed a personalized book recommendation platform using RAG and vector embeddings.
- Engineered a database-per-service microservices architecture with Nginx reverse proxy for scalability.
- Integrated Apache Kafka for real-time analytics and Redis for efficient caching.
- Designed secure authentication with NextAuth

assisT | FastAPI, React.js, PostgreSQL, Mistral AI, Gemini AI, OAuth, JWT Mar 2025 - Ongoing
Full-stack Developer

- AI-driven grading system leveraging Mistral AI for document processing and Gemini for automated assessments.
- Developed a monolithic FastAPI backend for high-performance processing and scalable feedback automation.
- Implemented OAuth and JWT authentication, ensuring secure access control for students and teachers.

Samvad | React.js, TypeScript, Node.js, Express.js, PostgreSQL, Socket.io, NextAuth Sep 2024 - Ongoing
Full-stack Developer

- Designed an anonymous messaging platform where users can post messages read by anonymous recipients.
- Integrated Socket.io for real-time, low-latency messaging and PostgreSQL for optimized data storage.
- Implemented NextAuth for authentication while maintaining user anonymity.

ACHIEVEMENTS

- Solved over 1100 Data Structures and Algorithms and maintained a 500+ day streak.
- Ranked 9 on VIT Bhopal's all-time GeeksForGeeks leaderboard.
- Winner of DSA Tussle at AdvITYa 2024.