

# DIVYANSH KARAN

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## EDUCATION

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**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

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

**Developer Tools:** Git, GitHub, Vercel, Linux, Postman

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

**DevOps and Cloud:** Docker, Kubernetes, Apache Kafka, Microservices

## PROJECTS

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**assisT** — FastAPI, React.js, PostgreSQL, Mistral AI, Gemini AI, OAuth, JWT Mar 2025 – Present  
*Full-stack Developer*

- Developed an AI-powered grading platform utilizing Mistral AI for document parsing and Gemini AI for contextual assessments.
- Designed a monolithic FastAPI backend optimized for low-latency performance and scalable feedback delivery.
- Implemented secure platform access with OAuth and JWT, enabling robust role-based authentication for teachers and students.

**EisLager** — React.js, Express.js, PostgreSQL, Kafka, NGINX, TailwindCSS, ShadCN UI Apr 2025 – Present  
*Full-stack Developer*

- Created a SaaS platform for ice cream inventory management, facilitating real-time stock tracking and budget allocation.
- Developed multi-role interfaces for Executives, Manufacturers, Clerks, and Patrons using domain-driven design.
- Built a live chat system and email module with role-based prioritization, leveraging WebSockets and message queues.

**Shelfspace** — Next.js, Express.js, PostgreSQL, MongoDB, Redis, Apache Kafka, NextAuth Jan 2025 – Present  
*Full-stack Developer*

- Engineered a microservices-based inventory system using a database-per-service model.
- Integrated Kafka for real-time event streaming between services and Redis for efficient caching.
- Implemented secure, session-based authentication with NextAuth across all services.

## ACHIEVEMENTS

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- Solved over 1200 Data Structures and Algorithms problems and maintained a 500+ day streak.
- Ranked 9 on VIT Bhopal's all-time GeeksForGeeks leaderboard.
- Winner of DSA Tussle at AdvITYa 2024.