

JANMEYJAI MISHRA

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EDUCATION

Bachelor of Technology, VIT Bhopal University
Major: Computer Science and Engineering

Expected Sep 2026
CGPA: 8.62

Grade XII, Vidyatree Modern World School
Percentage: 90.5%

Jun 2022

Grade X, Vidyatree Modern World School
Percentage: 93.5%

Jul 2020

TECHNICAL SKILLS

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

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

Technologies & Frameworks: Next.js, React.js, Express.js, Spring Boot, Django, FastAPI, Node.js, MongoDB, PostgreSQL, Prisma, Supabase, Docker, Kubernetes, Kafka, TailwindCSS.

PROJECTS

ShelfSpace | *Next.js, Express.js, PostgreSQL, Redis, Kafka, Docker, RAG, LLM*

Feb 2025 - Present

- Constructed a microservices-based book discovery platform supporting 4 core services (Users, Books, Reviews, Chat) using Next.js frontend + Express.js backend, enabling modular scalability and independent deployments.
- Optimized relational schemas in PostgreSQL, achieving faster query responses for book search and user profile lookups by indexing frequently accessed fields.
- Containerized all services using Docker and leveraged Kafka topics for cross-service communication, increasing fault tolerance and reducing service downtime during updates.

EisLogger | *Next.js, Express.js, PostgreSQL, Kafka, WebSockets, Docker, NextAuth*

May 2025 - Sep 2025

- Developed a microservices-based inventory and e-commerce platform serving 4 distinct user roles (Executive, Manufacturer, Clerk, Patron), enabling seamless role-specific workflows across the system.
- Implemented an event-driven analytics pipeline using Kafka to stream SaleCompleted events from the Sales Service to a dedicated reporting database, slashing dashboard query latency by over 90% by serving pre-aggregated data.
- Architected a fault-tolerant, asynchronous order fulfillment workflow by decoupling Sales, Inventory, and Logistics services with Kafka, guaranteeing 100% order capture during downstream service outages and reducing API response times to under 200ms.

College Connect | *Next.js, Supabase, TailwindCSS, Cloudinary*

Jul 2024 - Dec 2024

- Spearheaded the development of a real-time event notification platform using Next.js and Supabase Realtime, serving a campus of 10,000+ students and achieving a 95% reduction in information lag for campus-wide announcements.
- Established a multi-level Role-Based Access Control system for 3+ user roles (e.g., Student, Faculty, Admin), securing event management workflows and providing tailored user experiences.
- Boosted application performance by 500% through strategic query optimization and data batching, reducing average API response times from 2.5s to under 500ms.

EXPERIENCE

Software Developer Intern | *Bharat Electronics Limited, Ghaziabad*

Dec 2024 - Jan 2025

- Collaborated with a team of 10 developers to design and implement an API for an employee meal-booking application, handling over 400 daily transactions using Node.js and PostgreSQL.
- Deployed a simulation server for drone navigation using Python and Django, enabling real-time testing of movement, search, and attack patterns in controlled environments.
- Formulated a novel pathfinding algorithm that enhanced drone search efficiency by 30% in simulated environments.