



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2026	B.TECH	IIT Kharagpur	6.11 / 10
2022	HSC	Dr. Babasaheb Ambedkar College, Deekshabhoomi Nagpur	78.33%
2020	SSC	Navjeevan Dnyaanpeeth English Medium School, Pusad	94.20%

INTERNSHIPS

Software Engineering Intern FruitBowl Digital Media	[May'25 - Aug'25]
Project 1: Built a unified architecture integrating backend, mobile, CRM, and multi AI-agent services for seamless operations <ul style="list-style-type: none">Designed the full-stack system design of Django backend, React Native app, and Next.js CRM into an unified, scalable ecosystemDeployed containerized infrastructure using Kubernetes, Helm, Celery + Redis, AWS S3, and Terraform for seamless orchestrationBuilt secure CI/CD pipelines, enforcing enterprise-grade coding standards, and implemented secrets management for better security	
Project 2: Developed a multi-channel conversational agent to automate practitioner outreach and better customer engagement <ul style="list-style-type: none">Engineered an AI-driven automation agent integrating LLMs through vLLM, LiveKit framework, Twilio SIP, RAG and WhatsApp APIsAutomated practitioner outreach and improved customer query handling through agentic workflows and dynamic intent recognitionImplemented real-time conversation pipelines and context-aware conversational routing to enhance outbound call quality experience	
Project 3: Developed a Flexible Monolithic backend and implemented Analytics Advanced for Real-Time Business Intelligence <ul style="list-style-type: none">Integrated PostHog analytics with Kubernetes, enabling real-time event tracking, funnel analysis, and insights for 20+ modulesDeveloped a personalized notification system using Django signals and React Native hooks, improving user engagement by 35%Orchestrated an AI-driven content generation pipeline to deliver personalized recommendations, increasing session duration by 28%	

PROJECTS

FedEx Web-App Inter-IIT Problem Statement	[Nov'24 - Dec'24]
<ul style="list-style-type: none">Built an interactive Next.js + Three.js frontend, enabling 3D cargo visualization and improving logistics planning efficiency by 30%Integrated a FastAPI backend with real-time optimization, reducing processing delays by 45% and enhancing data retrieval speedEngineered advanced 3D rendering with React Three Fiber, delivering smooth visualization and priority-based package allocationDesigned a responsive UI with Tailwind CSS and Framer Motion, increasing user engagement by 25% through seamless animations	
Real-Time AI Voice Assistant with Graph Memory Intern Project	[May'25 - Aug'25]
<ul style="list-style-type: none">Engineered a real-time AI voice assistant using LiveKit, enabling conversations and seamless in-app guidance with <1s response latencyDesigned modular agent services using FastAPI, integrating Neo4j graph memory for context-aware and personalized user interactionsBuilt a user-preference service using Neo4j, analyzing interactions across 5 cognitive dimensions to deliver real-time recommendationsDeveloped a personalized meditation generator with voice and adaptive audio composition, improving user engagement significantly	
IntelliCV - Next-Gen AI CV Builder Self-Project	[May'25 - Aug'25]
<ul style="list-style-type: none">Architected a Flask backend powering Next.js frontend with OCR, live editing and secure file processing using MongoDB for databaseImplemented Zustand + React Query for seamless authentication, state management and real-time backend API synchronizationDeveloped an animated UI/UX using Framer Motion, Lottie animations, scroll-type interactions, and glass-morphism componentsDeployed a fully responsive, performance-optimized frontend on Vercel, ensuring SEO readiness and GPU-accelerated transitions	

AWARDS AND ACHIEVEMENTS

<ul style="list-style-type: none">Secured a 1300+ Codeforces rating with a global rank of 433 in Round 1003, outperforming 30,000+ participants (@kalki.kgp)Achieved 3rd position against 1000+ participants in MetaCode, a competitive programming event by COMPOSIT 2025 at IIT KharagpurAchieved 2nd position in a VR Game Development Hackathon organized by Promoteo, IIT Jodhpur, competing against 100+ participants	
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COMPETITION/CONFERENCE

<ul style="list-style-type: none">Contributed to IIT KGP in achieving Gold Medal at Inter-IIT Tech 13.0 as a development team member, showcasing technical expertiseImplemented interactive dashboards using Next.js and React Three Fiber, driving the team to secure overall gold across 23 IITs.	
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SKILLS AND EXPERTISE

<ul style="list-style-type: none">Programming and Structural Languages : C C++ JavaScript TypeScript Python C# HTML CSS SQL Flutter SwiftLibraries and Frameworks : React.js Node.js Express.js Next.js Tailwind CSS GraphQL Numpy Pandas TensorFlowSoftware and Tools : Git GitHub Docker Firebase Vercel Apache Kafka AWS Azure Cursor Android Studio X CodeDatabases: MongoDB PostgreSQL Neo4j MySQL SQLite Redis Firebase Firestore Pinecone Weaviate Elasticsearch	
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POSITIONS OF RESPONSIBILITY

Game Dev and Content Head Computer Graphics Society, TSG	[Jan'23 - Present]
<ul style="list-style-type: none">Led the game development team in various hackathons, representing IIT Kharagpur, and developed two fully functional gamesOrganized a 3-day Open IIT game development workshop with 100+ participants in collaboration with Technology Students' GymkhanaCoordinated guest lectures with industry experts and alumni, providing valuable learning and career opportunities for membersManaged a team of 20 members, overseeing project timelines, task assignments, and ensuring deliverables were met on schedule	

COURSEWORK INFORMATION

<ul style="list-style-type: none">Mathematics and Programming: Probability and Statistics Linear Algebra Advanced Calculus Programming and Data StructuresCore Electronics: Analog Electronics Network Theory Digital Electronic Circuits Signals and Systems Electrical MachinesOnline Courses: Advanced Machine Learning (Coursera) AWS Basics to Advanced (Udemy) Google Data Analytics IDM Data Science	
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