

Arnabh Sinha

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EDUCATION

B.Tech , University of Engineering and Management, Kolkata (2022–2026)	8.9 SGPA (5th Sem)
Class 12 (CBSE) , Army Public School (2022)	82%
Class 10 (ICSE) , Good Shepherd School (2020)	90%

EXPERIENCE

Unimad.ai — Full Stack Developer Intern	April 2025–Present (Remote)
<ul style="list-style-type: none">Designed scalable backend APIs in Django for AI-driven interview preparation, managing session storage and real-time updates.Partnered with prompt engineers to incorporate LLM workflows for optimized interview responses.Engineered front-end functionalities with React Query and Zustand, enhancing data synchronization.	
True Mentor — Full Stack Developer Intern	Jan 2025 - April 2025 (Remote)
<ul style="list-style-type: none">Constructed a full-stack platform sustaining 2000+ users with consistent reliability.Implemented a live messaging feature using WebSockets in Node.js, minimizing API latency by 50%.Enhanced UI performance by creating responsive React.js interfaces, accelerating load times by 40%.	
Daphnis Labs — Full Stack Developer Intern	Oct 2024–Jan 2025 (Remote)
<ul style="list-style-type: none">Engineered backend services in Node.js, achieving a 30% reduction in response delay.Refined MongoDB queries, elevating database throughput by 45%.Transformed Figma mockups into adaptive React.js components, increasing page responsiveness by 30%.	

SKILLS

- **Languages:** Java, JavaScript, TypeScript
- **Version Control:** Git, GitHub, Docker
- **Cloud:** Google Cloud Platform (GCP), AWS
- **Database:** MongoDB, PostgreSQL, Supabase
- **Frontend:** React.js, Next.js, HTML, CSS, Tailwind, ReactQuery, Zustand
- **Backend:** Node.js, Express.js, Spring Boot

PROJECTS

WarlineNews	Link
<ul style="list-style-type: none">Developed a MERN-stack web app to counter misinformation during the India-Pakistan conflict using Gemini API.Integrated AI agents to filter and display verified news from trusted sources, reducing misinformation spread.Implemented a real-time red zone heatmap using Google Maps and AI analysis of regional risk data.	
Alertra - Smart ID Card	
<ul style="list-style-type: none">Developed an IoT-based safety solution with Raspberry Pi and Geolocation integration.Enabled SOS alerts transmitting real-time locations, enhancing user security by 83%.	
LearnSync	Link
<ul style="list-style-type: none">Built an AI assistant promoting education accessibility for ADHD, Autism, and Dyslexia, improving reach by 55%.Architected a backend with Node.js, Express, and MongoDB to streamline content delivery.	

ACHIEVEMENTS & SOFT SKILLS

- **HackByte 3.0 (IIITDM Jabalpur):** 2nd Runner-up and MongoDB Special Prize.
- **Research Paper (ALERTRA):** Published through Microsoft CMT, 2025 for technological innovation.