

# ABHINAV MISHRA

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## EDUCATION

<b>Maharaja Agrasen Institute of Technology, GGSIPU</b>	<b>Sep 2023 – Jun 2027</b>
Bachelor of Technology, Computer Science Engineering with specialization in Artificial Intelligence	<b>CGPA : 8.36/10</b>

## SKILLS

- Languages:** C++, Python, JavaScript, Dart, Solidity, C#
- Frontend:** React.js, Flutter, HTML/CSS, WebGL, Spark AR
- Backend:** Node.js, Express.js, Django, REST APIs
- XR Development:** Unity, Unreal Engine, OpenXR, MediaPipe
- Blockchain:** Web3.js, Hardhat, Solidity (Smart Contracts)
- Databases:** MongoDB, PostgreSQL, Firebase
- Tools:** Git, Linux, Docker, Figma, Blender
- AI/ML:** Gemini API, NLP, TensorFlow, LangChain, HuggingFace, Streamlit
- Soft Skills:** Problem-Solving, Leadership, Communication, Teamwork, Resilience

## EXPERIENCE

<b><a href="#">NDRF : National Disaster Response Force (Ministry of Home Affairs) – Project Lead</a></b>	<b>Jan 2025 – Present</b>
<ul style="list-style-type: none"><li>Led the development of “Sangrakhshan” – a VR simulator for CBRN disaster training; collaborated with NDRF 8th Battalion for deployment &amp; real-world simulation testing, impacting 1000+ personnel; secured formal MoU with the Ministry of Home Affairs for institutional adoption.</li></ul>	
<b><a href="#">Persistent Systems – Software Development Intern (Mentored Project)</a></b>	<b>Jun 2024 – Present</b>
<ul style="list-style-type: none"><li>Working on an Agentic AI project focused on autonomous agents and contextual intelligence; optimized multi-agent workflow with LangChain, OpenAI API, Pinecone, LlamaIndex, Flask, and Streamlit, reducing manual intervention by 70%.</li></ul>	
<b><a href="#">ONDC : Open Network for Digital Commerce – Software Development Intern</a></b>	<b>Dec 2024 – Apr 2025</b>
<ul style="list-style-type: none"><li>Built ONDC-compliant WooCommerce adaptor; enabled catalog sync, order flow, &amp; post-fulfillment for 1K+ SKUs; developed scalable API translation layer &amp; seller dashboard (React.js, Django, PostgreSQL), reducing onboarding time by 35%.</li></ul>	

## PROJECTS

<b><a href="#">Sangrakhshan : VR Based Training Module for Disaster Response</a></b> (Nationally Acclaimed)	<b><a href="#">(DEMO LINK)</a></b>
<b>Tech Stack:</b> Unity, Unreal (C++), MediaPipe , Django (Python), ChatGPT API, Blender, MERN	
<ul style="list-style-type: none"><li>A VR-based CBRN disaster training platform for NDRF with multiplayer FPV/TPV modes, posture tracking, AR equipment model &amp; AI chatbot support.</li><li><b>Key Features:</b> Real-time Immersive drills, spatial AR visualizations, MediaPipe posture analysis, &amp; dual dashboards (app/web)</li></ul>	
<b><a href="#">AccessWay – AI/AR Accessibility Platform</a></b> (Internationally Acclaimed)	<b><a href="#">(DEMO LINK)</a></b>
<b>Tech Stack:</b> ARCore, Unity (C#), Flutter (dart), Firebase, MongoDB, Blender	
<ul style="list-style-type: none"><li>An inclusive navigation &amp; social platform for people with disabilities using AR overlays, AI voice guidance, &amp; crowdsourced data.</li><li><b>Key Features:</b> Indoor/outdoor AR routing, accessibility reviews, voice navigation, business certifications</li></ul>	
<b><a href="#">WooCommerce ONDC Adaptor – Bridging eCommerce Sellers to a Decentralized Network</a></b>	<b><a href="#">(DEMO LINK)</a></b>
<b>Tech Stack:</b> React.js, Node.js, Django, Express.js, PostgreSQL, OAuth, Jest, MongoDB	
<ul style="list-style-type: none"><li>Designed a full-stack adaptor for seamless WooCommerce-ONDC integration, enabling catalog sync, order handling, &amp; scalable decentralized commerce.</li><li><b>Key Features:</b> API translation layer, real-time order tracking, user-friendly admin dashboard, scalable &amp; ONDC-compliant architecture</li></ul>	
<b><a href="#">CRYPTXCHANGE – Secure DeFi + EdTech Ecosystem</a></b> (Regionally Acclaimed)	<b><a href="#">(DEMO LINK)</a></b>
<b>Tech Stack:</b> MERN, Solidity, Web3.js, Node.js, MongoDB, IPFS, Biometric AI, Voiceflow	
<ul style="list-style-type: none"><li>A decentralized crypto platform integrating AI-based fraud detection, biometric auth, real-time analytics, &amp; gamified learning.</li><li><b>Key Features:</b> Multi-chain swaps, AI threat detection (TensorFlow), Crypto Academy, expense visualizations</li></ul>	

## ACHIEVEMENTS

- Global Best M-Gov Award 2025 – Bronze for India** : Honored by UAE VP at World Government Summit (AccessWay)
- Smart India Hackathon 2023 Winner** – ₹24L Govt. Funding; Deployed by NDRF (Sangrakhshan) & Home Ministry (GOI)
- Hack4Purpose @ IIT Delhi – 1st Runner-Up** out of 600+ teams
- Scale +91 Hackathon 2024 – Top 3** (among 5000+ teams)
- HackBMU 2025 – 1st Prize** (out of 500+ teams)
- Haryana Police Hackathon – Top 10** (AR/VR for anti-drug platform)
- BITBOX 4.0 (JIIT) – Best All-Freshers Team**
- SIH IDE Bootcamp 2024 – Top Performer**; Registered with Wadhwani Foundation
- FISHTANK Pitchathon – Runner-Up** (XR-VERSE)

## LEADERSHIP & IMPACT

<b>Business Development Head</b> – Startup Sphere, MAIT : Advised 15+ startups, led 500+ participant events, & delivered nationally awarded projects.
<b>Technical Head</b> – Alvolutions, MAIT : Conducted workshops on Metaverse, Unity & Blockchain for 200+ students; led society tech initiatives.

Driven technologist with 17+ projects (6 Internationally & nationally recognized), ₹24L+ in funding secured, 30+ open-source contributions, and 10+ hackathon wins including honors from UAE GovTech and Government of India