

AYUSH DUBEY

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LinkedIn GitHub Portfolio Website

Education

Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur 2024–2028
Bachelor of Technology and Specialization in Artificial Intelligence
Focus on Software Engineering, Generative AI, and LLM Ops for AI-Driven Applications

Key Technical Projects

- **AI-Driven Mobile Development**
 - **PokePose – Kotlin Multiplatform Pokémon Pose Explorer** (Kotlin, Compose Multiplatform, MVI, Koin, Ktor, SQLDelight) Cross-platform app with offline caching and reactive UI, leveraging **edge-deployed inference pipelines** for pose recognition. Explored **GenAI-powered character recommendations** for enhanced user engagement. [Source](#) | [Detailed Project Brief](#)
 - **Wireless Autoconnection Protocol for Campus Connectivity** (Java, Android Studio) Android app with secure Wi-Fi authentication automation using **event-driven architecture**, enabling instant campus-wide connectivity.
- **Full Stack + GenAI Integrations**
 - **RAP-CASED – E-commerce Platform for Bespoke Mobile Accessories** (Next.js, React, MongoDB, Node.js) Full-stack e-commerce platform featuring **LLM-assisted content generation** for product descriptions and **real-time recommendation engines**. [Source](#) | [Live](#)
 - **Cognitive Biometric Analysis System (CBAS) – Vision AI** (TensorFlow.js, JavaScript) Built a **computer vision pipeline** for behavioral pattern detection, integrated with **Generative AI summarizers** for human-readable insights. [Source](#) | [Live](#)

Web Development Projects Portfolio

Curated 12 foundational projects demonstrating clean code and **scalable microfrontend patterns**, incorporating **AI-assisted refactoring workflows**. [Website](#) | [Source Codes](#)

Technical Acumen

Languages:	Python, C++, C, JavaScript, SQL, HTML5, CSS3, Kotlin
Frameworks:	React.js, Next.js, Node.js, Express.js, TensorFlow.js, Tailwind CSS
Databases:	MongoDB, Firebase
Tools:	Git, GitHub, Vercel, Postman, Android Studio, LangChain, OpenAI API
Core Skills:	Full-Stack Development, Mobile Development, Generative AI, LLM Ops, Prompt Engineering, AI Workflow Orchestration, DSA

Distinguished Achievements

- Secured **AIR 4142** in IISER Aptitude Test- and scored **100th percentile** in Computational Thinking (IIT Madras B.S. Qualifier).
- Contributed to open-source via **Hacktoberfest 2023 & 2024**.
- Ranked **top 8% globally** in a Codeforces Kotlin contest ([Standings](#)).
- Peak Codeforces rating: ~959 ([Profile](#)).

Strategic Engagements & Leadership

- Led school cricket team to multiple district-level championships.
- Participated in Model United Nations and Co-produced a documentary on quick-commerce delivery practices.
- Skilled in generative AI workflows and prompt design.