RAJ SINGH

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SUMMARY

A trailblazing B.Tech student in Information Technology, I spearhead Augmented Reality and Virtual Reality ventures. Empowered by adept version control mastery, I craft revolutionary experiences reshaping digital landscapes.

EDUCATION

B.Tech, Information Technology   Graduating May 2027

Dr A.P.J Abdul Kalam Technical University, Lucknow

KIET Group Of Institutions, Ghaziabad, U.P

Relevant coursework: Augmented Virtual Reality Development, Interactive UI/UX Design, Frontend Web Development, and Immersive Visualization Techniques.

TECHNICAL SKILLS

Augmented/Virtual Reality: web-AR, google-AR-Core, unity, SparkAR,MetaXRSDKs
Blockchain: TypeScript, Javascript
libraries: Three.js, AR.js, web3.js, nethereum
Programming: C++, C Sharp, Javascript, React.js, NextJS
Certifications: Rebase Hackathon , IIIT Kalyani: 3rd runner up, showcasing innovation and collaboration.

EXPERIENCE

Intern at VIZZLE (June 2025 – Present)

Tech Stack: The app uses C# scripts,Firebase SDKs for backend, and Unity Mars for Body Tracking.

- **AR-Based Full Body Virtual Try-On** I am developing an app using Unity that allows users to experience a full-body virtual try-on using Augmented Reality. Users can try on clothes, hats, goggles, jewelry, and more virtually

Intern at neAR (September 2024 – November 2024)

Tech Stack: The app uses C# scripts,Firebase SDKs for backend, and Mapbox SDKs for map integration.

- **Photo Capture and Location Features**: Users can capture photos, upload them into the real world, and use a map to see who took photos and where, with a radar that scans nearby users within 50 meters.

ACADEMIC PROJECTS

Edu-AR (Freelance Work)

An app that brings 2D images from NCERT content to life using 3D models in AR

- 2D to 3D Conversion: Edu-AR converts 2D images from NCERT books, engineering labs, and medical diagrams into interactive 3D models using Augmented Reality.
- Enhanced Learning Experience: It helps students visualize complex concepts in a real-world environment for better understanding and hands-on learning.

ARchitect: Real Estate in Augmented Reality

Create detailed 3D models of houses to showcase in AR

- 360-Degree View: Explore real estate buildings in AR with a full 360-degree perspective in your current environment.
- Customizable Models: Switch between different house models in AR to compare and choose your preferred design.
- Future in the Present: Visualize future homes in your real-world space, making it easier to select your ideal home.

Bharat Darshan

Showcasing Indian monuments and temples in Augmented Reality as well as in Virtual Reality

- Developed Bharat Darshan, an AR/VR app where users can view 3D models of temples and monuments in the real world through AR and experience the locations virtually through VR.
- Integrated blockchain for secure transactions and enabled direct purchases from local shops within the app.
- Enhanced user engagement with features like ordering food from nearby outlets, merging cultural exploration with real-world commerce.