

Archit Gupta

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Education

ABES Engineering College, Ghaziabad, U.P.

Nov 2022 – Aug 2026

B.Tech in Electronics and Communication

Experience

Intern

Aerosense Technologies

Jan 2024 – Feb 2025

- Learned Drone Designing, AutoCAD, SolidWorks, and Carbon Fiber Molding, Drone-Piloting, Drone-Calibration, Drone-Tuning, and Drone-Assembling. In this internship I learned how to build a drone from scratch using 1 in 1 30 Amp ESCs, Pixhawk 4.6.2, GPS, A2212 BLDCs.

PCB Designing Intern

Orbits – ABES Engineering College

Aug 2024 – Dec 2024

- Designed and fabricated printed circuit boards (PCBs) for robotics and embedded-systems projects using KiCad and Altium Designer.
- Worked on schematic capture, component placement, and multilayer routing, ensuring signal integrity and manufacturability.

Projects

Community Website

Nov 2024 – Present

- Developed a community-driven platform that allows users to sign up using their Chess.com accounts. The application enables members to receive real-time updates on chess events and tournaments, and facilitates comparison of Chess.com statistics (ratings, games, performance) among community members for engagement and competitive analysis.
- Tech Stack: Next.js, Tailwind CSS, Prisma.

Image Search App

Jan 2025 – Present

- Developed a responsive image search application using React and the Unsplash API, enabling users to discover and download high-quality, copyright-free images. Tailored for developers, the tool ensures that all content is safe for use in both personal and commercial projects without the risk of copyright infringement.
- Tech Stack: React

Technologies

Languages: Java, Python, JavaScript, TypeScript, MATLAB, Verilog.

Frameworks: React.js, Next.js, Tailwind CSS, Prisma

Tools: Git, GitHub, VS Code, ChatGPT, Figma, KiCAD, Proteas, EAGLE

Certifications & Awards

- Redux and React course on Udemy
- Next.js course on Udemy
- 5-star Java badge on HackerRank

Extra-Curricular Activities

- Head at Google Developers Group, ABES Engineering College
- President of the Chess Club, ABES Engineering College
- Organising Head of HackHaven 2.0 Hackathon at ABES Engineering College
- Core team member in Vayudoot, a PAN-India Drone Competition.