

# Arpit Bhardwaj

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@Arpit-desgin



/arpit-bhardwaj

## PROFESSIONAL SUMMARY

Computer Engineering undergraduate with strong experience in full-stack development and AI-based systems. Proficient in C++, Python, React, and RESTful APIs with hands-on project experience in healthcare and data-driven applications.

## SKILLS

- ❖ Programming Languages: Python, Java, C++
- ❖ Web Technologies: HTML, CSS, JavaScript
- ❖ Frameworks & Libraries: React, Node.js, Express.js, Spring Boot
- ❖ Databases: MySQL, MongoDB
- ❖ Tools: Git, GitHub

## EDUCATION

- ❖ Computer Engineering | Bennett University, Greater Noida (Aug 2024 - Jun 2028)
- ❖ XII (ICSE) | Christ The King Inter College, Tundla 2023

## ACADEMIC PROJECTS

- ❖ **MEDIAxis – Full-Stack Hospital Management System** 2025
  - Developed a full-stack hospital management system using Java, Spring Boot, React, and MySQL, implementing role-based authentication, appointment scheduling, and 10+ RESTful APIs to manage patients and doctors workflows
  - Designed using MVC architecture, improving scalability and maintainability
- ❖ **Crypto Tracker – Full-Stack Web Application for Real-Time Crypto Analytics** 2025
  - Developed a full-stack cryptocurrency tracking web application using React, Flask, and MySQL, integrating live market data from the CoinGecko API to track 100+ cryptocurrencies with near real-time price updates
  - Implemented portfolio management, watchlists, and historical trend analysis through RESTful APIs and a responsive user interface
- ❖ **AI-Based Cancer Detection from Chest X-Rays** 2025
  - Developed a deep learning-based cancer detection system from chest X-rays using Python, PyTorch, and ResNet, achieving 96% AUC
  - Built a React (Vite) interface with prediction confidence and Grad-CAM explainability for clinical decision support

## EXPERIENCE

- ❖ **RESEM-Research Hackathon | Bennett University, Greater Noida** (April 2025)
  - Contributed to a research paper on Post-Quantum Cryptography for Blockchain at the RESEM Research Hackathon (BU ACM) by analyzing quantum-resistant cryptographic algorithms in a collaborative research environment

## POSITION OF RESPONSIBILITY

- ❖ **Researcher | Mobilon, Bennett University, Greater Noida** (Jan 2025-Aug 2025)
  - Co-organized Mobile Next 2025, an international conference on mobile technology, coordinating with 20+ industry experts and academic leaders.