

# Priyansh Arora

B.Tech in Information Technology

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## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2026	B.Tech in Information Technology	Jaypee Institute of Information Technology, Noida	7.1
2022	Class XII (CBSE)	Summer Fields School, New Delhi	96.7%
2020	Class X (CBSE)	Summer Fields School, New Delhi	95.4%

## INTERNSHIPS

- Web Developer Intern | AKS Media LLP, New Delhi** Jun'25 – Jul'25
- Ideated and developed a responsive corporate website using WordPress, improving brand visibility and client engagement.
  - Customized themes and plugins to align UI/UX with branding requirements, reducing content iteration cycles by **30%**.
  - Collaborated with cross-functional teams to structure conversion-focused content, contributing to higher lead generation and retention.

## PROJECTS

- Expense Tracker Web Application | React.js, Spring Boot, PostgreSQL, JWT, Docker** Jan'26 – Feb'26
- Built a full-stack expense management platform with JWT-based authentication and stateless REST APIs.
  - Implemented pagination, filtering, analytics dashboards, CSV export, and undo-safe CRUD operations.
  - Deployed backend on Render and frontend on Vercel with environment-based configuration.
- MediVision — AI-Powered Disease Detection System | Python, TensorFlow, Streamlit** Oct'25 – Dec'25
- Architected a multi-disease medical image analysis system leveraging CNNs to automate diagnosis across **5+ diseases**.
  - Designed an interactive Streamlit-based UI with confidence visualization for predictions.
  - Integrated disease-specific insights, projecting a **40% reduction** in manual lookup.
- Job Portal Web Application | React.js, Node.js, MySQL, JWT, Tailwind CSS** Jun'25 – Jul'25
- Engineered a full-stack job portal with role-based access control for recruiters and applicants.
  - Implemented secure JWT-based authentication and protected API routes.
  - Reduced recruiter workflow time by **35%** through automated job tracking and dashboards.
- Text-to-Speech Web Application | React.js, AWS Polly** Apr'25 – May'25
- Developed a text-to-speech web application using Amazon Polly for neural voice synthesis.
  - Implemented real-time audio playback and downloadable speech output.
- Crop Detection and Yield Prediction | Python, YOLOv8, Machine Learning** Oct'24 – Nov'24
- Built a satellite-image-based crop detection and yield prediction pipeline.
  - Improved prediction reliability using NDVI-based vegetation analysis.

## ACHIEVEMENTS

- Reduced content iteration cycles by **30%** by designing modular, reusable UI components during a production internship.
- Projected a **40% reduction** in manual information lookup by integrating disease-specific insights and interactive UI.
- Designed an AI-powered medical image analysis system capable of detecting **5+ diseases** using CNN-based models.
- Reduced recruiter workflow time by **35%** by developing role-based dashboards and automated job tracking.
- Solved **360+ Data Structures and Algorithms problems** on LeetCode, covering arrays, trees, graphs, DP, and greedy techniques.

## SKILLS AND EXPERTISE

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS

**Frameworks:** React.js, Node.js, Spring Boot, FastAPI, WordPress

**Databases:** MySQL, PostgreSQL, MongoDB

**Tools:** Git, GitHub, Docker, AWS, Linux