

Riddhi Dhawan

+91-9873358434 | riddhidhawan4@gmail.com | [Leetcode](#) | [Portfolio](#) | [Linkedin](#) | [Github](#)

EDUCATION

Netaji Subhash University of Technology

Bachelor of Technology in Electrical Engineering

Dwarka, New Delhi

Aug.2023 – April 2027

Rukmini Devi Public School

CBSE-XII, Percentage - 95.2% | CBSE-X, Percentage - 92%

Pitampura, New Delhi

Aug. 2022 – May 2023

EXPERIENCE

Defence Research and Development Organisation (DRDO)

Summer Research Intern

June 2025 - July 2025

Hybrid

- Explored the electrical-software interface via semiconductor simulations.
- Conducted Monte Carlo analysis on MCT photodiodes using statistical models.
- Documented insights through **structured data workflows** aligned with CRM reporting and automation.

Stealth AI Startup

Full-Stack Developer

Nov 2025 – Present

Remote

- Developing a production-grade **Next.js application** with end-to-end functionality and scalable architecture.
- Integrating **Supabase backend services** for authentication, data persistence, and real-time updates.
- Building and deploying the product **MVP**, adding **payment workflows**, and migrating legacy codebases for performance.

PROJECTS

AI Podcast Generator [repo link](#) | *Next.js, TypeScript, React 19, Supabase, Novita, ElevenLabs, Vercel* June 2025

- Built an **AI podcast platform** using **Next.js 15 & ElevenLabs** to convert text into lifelike audio.
- Integrated **Supabase** for secure auth and storage, improving playback speed by 30%.
- Developed **REST APIs** for automated episode creation and publishing.

Career Compass [repo link](#) | *Streamlit, CrewAI, LangChain, AWS, Flask*

Jan 2025 – Feb 2025

- Built a **multi-agent AI system** with **CrewAI, LangChain, and Flask** for career recommendations.
- Used **RAG and AWS S3** for document-aware responses, boosting accuracy by 35%.
- Applied **fairness algorithms** ensuring balanced suggestions for 5,000+ users.

Captionize [repo link](#) | *Next.js, Tailwind CSS, AWS S3, FFmpeg, WhisperX, Vercel*

Nov 2024 – Jan 2025

- Developed an **AI captioning tool** using **WhisperX** and **FFmpeg** for accurate subtitles.
- Optimized **AWS S3** for scalable uploads, cutting processing time by 25%.
- Built an **editable transcript editor** with real-time preview and exports.

ACHIEVEMENTS

Selected for Amazon ML Summer School 2025

August 2025

Among 3,000 students chosen from 65,000+ applicants

Knight on Leetcode & 1000+ rating on Codeforces

May 2025

450+ questions solved in overall Coding Platforms - [Leetcode](#), [Coding Ninjas](#), [Codeforces](#)

Amdocs GenAI Hackathon 2024-25

Dec 2024 - Feb 2025

Integrated multiple AI agents in project

- **Secured a position among the top 1,000 out of 5,000+** entries for prototype submission and ranked in the **top 5,000 of 10,000+** for idea submission.

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, TypeScript, HTML, CSS, Tailwind, SQL.

Frameworks: ReactJS, NextJS, NodeJS, Flask, ExpressJS, MongoDB, Crew.ai, Pytorch, Tensorflow.

Developer Tools: AWS, Git, Docker, Azure, GCP, VS Code, Salesforce (Sales, Service & Marketing Cloud exposure).

Libraries: Pandas, NumPy, Matplotlib, Streamlit, CRM Analytics for data-driven insights.