

Summary

Pre-final year CS (AI) student at IGDTUW with experience in full-stack development, systems programming, and ML. DRDO Research Intern and LeetCode Knight (Top 5% globally) — seeking impactful software engineering opportunities.

Education

•**Indira Gandhi Delhi Technical University for Women** CGPA: 8.0 / 10
B.Tech in Computer Science and Engineering (Artificial Intelligence) Aug 2023 – May 2027

•**PM SHRI Kendriya Vidyalaya NMR JNU** Jun 2021 – Mar 2023
Senior Secondary (XII): 87% | Secondary (X): 94%

Work Experience

•**Research Intern** May 2025 – Jul 2025
Defence Research and Development Organisation (DRDO) On-Site

- Engineered a secure offline document simulation portal with metadata indexing, improving search efficiency by **50%**.
- Constructed RESTful APIs enabling **8+ users** to manage **1000+ records** without direct file system access.
- Tech Stack:** Python, SQLite, JavaScript, HTML/CSS

Projects

•**File System Simulation Portal** Live | GitHub

- Designed a secure web-based document simulation system with metadata-driven search and folder hierarchy navigation.
- Developed RESTful APIs using Python and SQLite enabling structured storage and retrieval of **1000+ records**.
- Implemented keyword-based indexing logic reducing document lookup time by **40%**.
- Tech Stack:** Python, SQLite, JavaScript, HTML/CSS

•**Swasthya Saathi – Digital Health Coordination System** Live | Demo | GitHub

- Architected a multi-role digital health ecosystem connecting **3+ user types**: migrant workers, doctors, and authorities.
- Launched a mobile app for worker registration and health record submission, supporting **real-time** data sync.
- Optimized dashboards for case review and government monitoring, reducing manual reporting effort by **60%**.
- Tech Stack:** Flutter, React.js, Firebase, MongoDB, Node.js

•**My Yoga Canvas – Wellness UI Studio** Live | GitHub

- Crafted a calm, accessible wellness interface with micro-animations, achieving **90+** Lighthouse performance score.
- Tech Stack:** Next.js, TypeScript, Tailwind CSS, Framer Motion

Technical Skills

Programming: Python, C++, Java, JavaScript, TypeScript **Frontend:** React.js, Next.js, HTML/CSS, Flutter
Backend: Node.js, Flask, Express.js **Databases:** SQLite, MongoDB, Firebase
Tools: Git, REST APIs, Selenium, Pytest **Core:** DSA, System Design, API Design, RBAC

Honors & Awards

- LeetCode Knight (Rating: 1884)** *Top 4.8% Globally*
–Ranked **33,659 out of 728,000+** participants. Solved **700+** DSA problems across graphs, DP, greedy, and trees.
- Google WE Program Finalist** *Feb 2024*
- Ecosight Inventor – Assistive Hardware Device for Visually Impaired** *Jan 2024*
- Millennium Fellow** *Aug 2024*
- IIT Delhi STEM Alumni** *Jun 2022*

Leadership & Responsibility

- App Development Mentor – GDSC IGDTUW** *Dec 2024*
–Mentored **30+** students in Flutter and Dart; reviewed code and guided teams through end-to-end mobile development.