



Medha Kashyap

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Computer Science and Engineering

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

- Indraprastha Institute of Information Technology, Delhi** 2022-2026
Bachelor of Technology in Computer Science and Engineering CGPA: 6.94 (Semester-3)
- Ryan International School, Rohini, Delhi** 2021-2022
Class 12th, CBSE (PCM) Percentage: 94%
- Ryan International School, Rohini, Delhi** 2019-2020
Class 10th, CBSE Percentage: 91%

EXPERIENCE

- Google** Apr-May'24
Google Girl Hackathon Pre-Finalist Remote
 - Among **top 1%** of applicants from a pool of 26,000+ candidates.
 - The eye health promotion system integrates machine learning techniques to analyze symptoms and retinal images, providing disease insights and preventive measures. It offers remote consultations with eye specialists, identifies common eye issues, and delivers interactive educational modules to enhance user awareness and knowledge about eye conditions, promoting proactive eye health management.

ACHIEVEMENTS

- Contributor** GirlScript Summer of Code May'24-Present
- 1st RunnerUp** CodingNinjas Weekly Leaderboard, Gold League 1-7 Jan'24
- Top 4** on the CodingNinjas College Leaderboard Feb'24

PROJECTS

- VisiCheck | GitHub** Apr'24-Present
Tech Stack: Python, OpenCV, TensorFlow, Flask, PyTorch, Scikit-Learn, Matplotlib, Pandas, HTML, CSS, JS
 - The eye health promotion system integrates machine learning techniques to analyze symptoms and retinal images, providing disease insights and preventive measures. It offers remote consultations with eye specialists, identifies common eye issues, and delivers interactive educational modules to enhance user awareness and knowledge about eye conditions, promoting proactive eye health management.
- Daily Harbour | GitHub** Feb-May'24
Tech Stack: HTML, CSS, JavaScript, API, Django, Python, Flask, MySQL
 - Developed an online retail platform, which offers an extensive range of daily essentials and easy navigation, users can register, browse and purchase items effortlessly. The system provides secure payment gateways and real-time inventory tracking, ensuring a smooth shopping journey.
- Stick Hero | GitHub** Nov-Dec'23
Tech Stack: OOPs, Java, JavaFX
 - Developed an interactive animated replica of the game 'StickHero' by Ketchapp. Used OOPs concepts, employing encapsulation for modular design, inheritance for code reuse and polymorphism for dynamic behavior. Leveraged abstraction to create a user-friendly interface. Streamlined using UML and relation diagrams.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, C/C++, Python

Tools and Technologies: MySQL, HTML, CSS, GitHub, JavaFX, Figma (Basic Efficiency in JavaScript, Swing, AWT, Sklearn, Matplotlib, NumPy, Pandas, Flask)

Soft Skills: Communication, Problem Solving, Work Ethic, Teamwork, Adaptability, Organization

Coursework: Introduction to Programming, Human Computer Interaction, Data Structures and Algorithms, Computer Organisation, Operating Systems, Object Oriented Programming, Database Management Systems, Analysis and Design of Algorithms, Discrete Mathematics

Areas of Interest: Software/Web Development, Database Management and Administration, Machine Learning, Open Source Development

POSITIONS OF RESPONSIBILITY

- Core Member**, Women In Tech Club, IIITD April 2023-Present
- Organising Team Member(PR and Creatives)**, Astra (Sports Fest) March 2023