

ISHITA

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Education

Vivekananda Institute of Professional Studies (VIPS), GGSIPU Delhi, India
Bachelor of Technology in Artificial Intelligence & Machine Learning — CGPA: 8.56 2023 – 2027

St. Cecilia's Public School, VikasPuri New Delhi, India
Senior Secondary (Class XII) 2011 – 2023

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Artificial Intelligence

Experience

Mern-Stack Developer Intern **June 2025 – July 2025**
Indira Gandhi Delhi Technical University for Women (IGDTUW) *New Delhi, Delhi*

- Developed **Willora** - An AI-Powered Journaling and Emotional Wellness Platform, a scalable **MERN** stack application, improving user interaction efficiency by streamlining real-time data handling and dynamic content rendering.
- Engineered robust backend services with **Node.js** and **Express**, implementing secure authentication and optimized APIs, reducing server response latency and improving reliability.
- Built modular and responsive frontend components using **React.js**, enhancing user experience and improving application performance through efficient state management.
- Applied full-stack development best practices, including debugging, API integration, and deployment workflows, significantly improving development speed and code maintainability.
- Explored ways to visualize and send a daily report of test results to team members using **GitHub**.

Projects

AI Career Advisor Platform | *Node.js, Express, MongoDB, React, OpenAI APIs*

- Built an AI-powered career guidance platform delivering personalized roadmaps, skill recommendations, and learning resources to support user decision-making
- Developed scalable backend APIs for user progress tracking, course management, and authentication using JWT
- Integrated LLM APIs to generate career advice, resume feedback, and interview preparation guidance
- Implemented web scraping using Puppeteer to fetch real-time internships and hackathon opportunities

Willora – AI-Powered Journaling & Emotional Wellness Platform | *React, Node.js, Express, MongoDB, OpenAI API, Google*

- Developed an AI-powered journaling platform enabling users to write personal entries and receive real-time emotional and mood analysis using NLP models
- Built secure and scalable backend services with Node.js and Express, implementing JWT-based authentication and encrypted data handling for user privacy
- Designed interactive and responsive frontend using React.js with advanced animations (Framer Motion, GSAP) and data visualization using Chart.js and Recharts
- Integrated OpenAI and Google Generative AI APIs to deliver personalized emotional insights, mood tracking, and wellness recommendations

Night Vision AI Enhancement System | *Python, OpenCV, Deep Learning, Node.js*

- Built an AI-based video enhancement system to improve visibility in low-light environments
- Applied computer vision techniques and deep learning models to enhance brightness, contrast, and object clarity
- Designed a pipeline where videos are uploaded via Node.js server and processed using Python-based AI services
- Enabled real-time streaming of processed videos using backend range request handling

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, Java, SQL
- **Frontend:** React.js, Next.js, HTML, CSS, Tailwind CSS
- **Backend:** Node.js, Express.js, FastAPI, Flask, REST APIs
- **Databases:** MongoDB, PostgreSQL, Firebase
- **AI / ML:** NLP, Embeddings, Semantic Search, LLM Integration, OpenCV
- **Tools:** Git, Postman, Firebase, Puppeteer, VS Code