KAVYA GUPTA

Third Year Student, International Institute of Information Technology Bangalore

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EDUCATION

International Institute of Information Technology Bangalore	**July 2023 – Present**
Integrated Masters of Technology in Computer Science	CGPA : 3.31 / 4.00
FIITJEE Junior College	**2023**
Telangana State Board of Intermediate Education Class 12	98%
Kennedy High the Global School	**2021**
CBSE Class 10	98.4%

EXPERIENCE

- Selected from **2,000+** applicants for the Codess.Cafe mentorship program supporting women in tech. **2024**
- Selected participant for the **Finlatics Financial Markets Experience Program (FMEP)** | Link **2024**
  Worked on live projects, conducted **sector research** and managed simulated portfolios of **BSE 500** companies.

PROJECTS

Receiptly - AI-Powered Receipt Scanner and Chatbot | Link | *React.js, Node.js, Python, MongoDB*   **June 2025**
- Developed an AI-powered full-stack web application to parse receipt images using **Tesseract OCR**, **spaCy NLP**, and a **TF-IDF + Naive Bayes classifier(scikit-learn, pickle)**, with data stored in **MongoDB**.
- Deployed an LLM-based Generative AI chatbot using the **Gemini 1.5 Flash API (via @google/generative-ai)** integrated with **Express.js** and **MongoDB** to answer finance-related queries from real-time receipt data.

WalletWatch - Personal Finance Tracker | Link | *Flutter, Firebase, Dart, C++*   **Oct - Nov 2024**
- Implemented **secure Firebase Authentication**, **Firestore backend** and budgeting tools.
- Designed dashboards with **10+** UI animations and **20+** real-time currency conversions(via **ExchangeRate API**).

Alibi - A Discord Bot | Link |*Discord API, Python, CSS, Canva*   **Apr 2024**
- Built a **Discord-based** arcade bot using **Python**, **discord.py** and **asyncio**, featuring **10** mystery storylines, **100+** puzzle questions and mini-games like Caesar cipher, Morse decoder, Scramble and Hangman   .
- Enhanced user interaction through emoji-based input handling, 50s timed challenges and real-time clue unlocking.

Processor Design - IAS and MIPS Architecture | Link | *C,Python, MARS Simulator*   **Feb 2024**
- Implemented an **IAS instruction set simulator** for Armstrong number checking (logic in **C**, processor in **Python**).
- Designed a **Python-based MIPS processor** to execute programs like sum of squares, factorial, and maximum element, using **MARS simulator** as the assembler.

ACHIEVEMENTS

- Selected as GHCI Scholar'24 for Asia's largest women-in-tech conference, recognising innovation and growth | Link **2024**
- Secured **2nd place** in Zense Hacknite'24 (IIIT Bangalore intra-college hackathon, Discord Arcade Bot category) by building a Discord bot with **5+** mystery-themed minigames and story-driven user engagement. | Link **2024**
- Women in AI/ML Scholar, awarded by **Hinduja Global Solutions** | Link **2024**
- Secured rank **6624 (top 3.68%)** all over India in **JEE Advanced**, one of the toughest exams in the world. **2023**
- Secured **99.56 percentile** in **JEE Mains** and ranked **5188** (top **0.5%**) all over India out of **11 lakh+** candidates. **2023**

TECHNICAL SKILLS

Languages: Python, C, C++, Java, SQL, HTML/CSS, JavaScript, Verilog, Dart
Libraries & Frameworks: Matplotlib, Pandas, NumPy, Flutter, React.js, Node.js, Express.js, spaCy, Tesseract OCR
Database: MySQL, MongoDB
Tools: VS Code, IntelliJ IDEA, Android Studio Code, LTSpice, MARS Simulator, GitHub, Vim, LaTeX, Canva, Firebase

RELEVANT COURSEWORK

- Programming
- Data Structures and Algorithms
- Discrete Mathematics
- Technical Communication
- Database Management Systems
- Operating Systems
- Number Theory
- Calculus and Linear Algebra
- Probability and Statistics
- Computer Architecture
- Computer Networks
- Signals and Systems

LEADERSHIP / EXTRACURRICULAR

- **Core Member, LeanIn–Women in Tech,Club IIITB**: Co-organized initiatives to promote tech opportunities for women; facilitated scholarship awareness sessions reaching 50+ women students.
- **Volunteer, TEDxIIITB / Confluence'24**: Helped organize campus event setup and managed audience engagement during the TEDx event with 200+ attendees.
- **Coordinator, G20-DIA Summit, IIITB**: Appointed to coordinate and manage IIITB's participation in the G20-DIA Startup Summit (Aug 2023), worked closely with faculty and coordinated logistics for 75+ attendees.
- **Core Member, Vinci–Art Club, IIITB**: Led decor and event design for 4+ cultural and academic events on campus.
- **Sports Team, IIITB**: Represented college in 3+ intercollege tournaments, promoting teamwork and discipline