Kritika Sawhney

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EDUCATION

Chitkara University   Expected Graduation June 2027
Bachelor of Engineering in **Computer Science and Engineering** *(CGPA: 9.0)*   *Rajpura, Punjab*

EXPERIENCE

GirlScript Summer of Code (GSSoC'24)   May 2024 – September 2024
Contributor
- Contributed code by resolving issues and developing new features for open-source projects.
- Actively engaged with the community by participating in discussions and providing code reviews.

Open Source Chandigarh   September 2024 — Present
Organizing Executive
- Leading the planning and execution of open-source community events, ensuring smooth coordination and engagement.
- Managing sponsorship outreach and collaborating with industry experts to enhance event impact.
- Facilitating workshops and mentorship programs, fostering a collaborative learning environment for developers.

PROJECTS

Aptos Max | *Aptos, Move, Python, Web3.js, Gemini AI, Twitter API*
- Developed an **AI-powered crypto trading bot** that automates trades based on Twitter sentiment analysis.
- Integrated **Twitter API** to fetch real-time tweets from key influencers like Elon Musk.
- Utilized **Gemini AI** to analyze tweet sentiment (positive, negative, neutral) and predict market trends.
- Implemented **Aptos smart contracts in Move** to execute trades efficiently and securely.

सखीJunction/ *React.js, Node.js, MongoDB, Express.js, OpenAI API, JWT*
- Developed an AI-powered **Cycle & Wellness Tracker** to assist women in managing their health.
- Integrated scheduled **personalized self-care messages** for mental well-being and motivation..
- Built an **AI chatbot** using OpenAI API for instant support and guidance.
- Designed a **community dashboard** for women to engage in a safe and supportive space.

PDF Chat Assistant | *Next.js, PDF.js, NVIDIA Nim API, mixtral-8x7b-instruct-v0.1*
- Utilized **NVIDIA Nim API** and **mixtral-8x7b-instruct-v0.1** AI model to provide accurate responses based on the document content.
- Built with **Next.js** for a seamless user interface and efficient handling of document parsing and chat functionality.
- Implemented **PDF.js** to parse and preview **PDF documents**, allowing for quick and easy document review.

TECHNICAL SKILLS

Languages: C/C++, Java, Python, JavaScript, Move, Swift.

Technologies: React.js, Next.js, Express.js, Tailwind, Node.js, Redis, PyTorch, Firebase.

Concepts: Ui/UX, Figma, AI/ML, Twitter Sentiment Analysis, Blockchain (Aptos), Smart Contracts, DeFi Trading, API Integration, Git/GitHub.

ACHIVEMENTS

- Google Hackathon Winner, **Gurugram Google**. (out of 25000+ participants).
- Second Runner-Up in HackWithHer4.0 Hackathon (along with 10,000Rs. Amazon Gift Cards), **Chitkara University.**
- **Best** MUN delegate (IIT Roorkee), **poetry Champion** (Chitkara University), and Speaker at multiple **open mic events** and **national theatre fests.**
- Completed **Blockchain Scalability and its Foundations in Distributed Systems** by *The University of Sydney (Coursera)* and **Networking Fundamentals** by *Akamai Technologies (Coursera).*