

# Adarsh Maurya

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## EDUCATION

- Keshav Mahavidyalaya University of Delhi** Delhi, India
  - Bachelor of Science - Computer Science; SGPA: 7.8* Sep 2023 - July 2027
  - Courses: Python, C++, Analytics with Python(Numpy,Pandas,Matplotlib), Web Development, Marketing For Beginners*
- Central Hindu Boys School BHU** Varanasi, UP, India
  - Intermediate - Score: 84.8%* Sep 2021 - March 2023
  - Subjects: Physics, Chemistry, Mathematics, English and Hindi*

## SKILLS SUMMARY

- Languages:** C++, Python, HTML, CSS, JavaScript, Solidity
- Frameworks:** ReactJS, React-Native, Django, Streamlit, PyTorch
- Tools:** Linux, Git, GitHub, AWS, Nginx, Gunicorn, LLMs, Langchain, Python-opencv, HuggingFace
- Database:** MySQL, PostgreSQL, Pinecone, ChromaDB

## PROJECTS

- OrchardEyes:** An end to end Automated Apple Orchard Management system using AI, blockchain and UAV autonomous drones. Features include yield estimation, early pest infection detection, farm precision mapping etc. Tech: ReactJS, Computer Vision, opencv, yolov8, Streamlit, Django, PyTorch (Fine-Tuning), Meta llama 3.2 1b LLM, PostgreSQL, Redis, Celery [Project Link](#)
- AutoDoc :** An Automated official document management system using AI and Blockchain with secure storage via IPFS. Zero-Knowledge Proofs (ZKPs) for selective disclosure of document attributes like age. Tech: ReactJS, AvalancheJS, Smart-Contracts, Solidity, Hardhat, Python, LLMs, PostgreSQL [Project Link](#)
- CogniGuard :** A web extension for detecting dark patterns on various websites, particularly focusing on E-commerce platforms. Powered by Fine-Tuned BERT (LLM) on dark-pattern labelled textual-data. Tech: JavaScript, Python, Django, PyTorch (Fine-Tuning), HuggingFace Hub API, LLMs, Redis, Celery [Project Link](#)
- DecenTrade :** A decentralized digital marketplace built on the Ethereum blockchain, enabling secure and transparent transactions for digital assets. Voice Assistant powered by meta llama LLM and openai whisper. Tech: ReactJS, ethers.js, Ethereum, ERC-721, Smart-Contracts, Solidity, Hardhat, Python, LLMs, PostgreSQL [Project Link](#)
- Medicure RAG Chatbot :** A Medical Assistant Chatbot using for answering complex user queries. Tech: Python, Pinecone, Langchain, Llama LLM, PyTorch, Transformers, Hugging Face API, [Project Link](#)

## EXPERIENCE

- GirlScript Summer Of Code 2024 - Open Source Program** Page Link
  - Project Admin and Software Developer* May 2024 - August 2024
    - Worked on project CogniGuard and deployed it on AWS and vercel. Maintained the GitHub Repository using GitHub Actions for Code Analysis and Checks. :
    - Guided many Open Source Contributors in their contribution journey and merged over 60+ Quality Pull Requests. :
- Solve-Ease - Hackathon Team** Page Link
  - Team Leader and Software Developer* Oct 2023 - Present
    - Participated in over 10+ hackathons and won EIBS'25 @IIT KGP and HackCBS7 @MLH.:
    - Lead the Development Team and worked on many software projects on various problem statements.:
- OnionReads** Page Link
  - Founder Part-time* Dec 2022 - Oct 2024
    - WordPress Website:** Built a wordpress website using Elementor and WP Forms for writing Blogs related to health care, personal finance and mental wellbeing.
    - SEO and Ranking :** Oversaw management of LinkedIn, Pinterest and Twitter Pages and Received 4.41K impressions with a 2.4% (CTR)

## ACHIEVEMENTS

- Achieved 1st place in the East India Blockchain Summit Hackathon at IIT KGP in Jan 2025 as Solve-Ease Team Leader for AutoDoc project.
- 1st Runner up in HackCBS7 Hackathon at Saheed Shukdhdev College in Nov 2024 as Solve-Ease Team Leader for OrchardEyes project.
- Achieved 6th place in the Dark Pattern Buster Hackathon (DPBH) Round 2 at Hansraj College in January 2024 as Solve-Ease Team leader.
- Achieved CS50x2023 Certification from Harvard University in Computer Science, demonstrating proficiency through completion of 10 problem sets, 9 labs, and 1 final project.