Khushi Jain

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Jabalpur, Madhya Pradesh - 482005, India

EDUCATION

• **Indian Institute of Information Technology Kottayam**　　　　　　　　　*2022 - 2026*
Bachelor of Technology (B.Tech.)　　　　　　　　　　　　　　　　　　　Kerala, India
  ◦ GPA: 8.50167/10.00

• **St. Joseph's Convent Sr. Sec. School, Ranjhi**　　　　　　　　　　　　　*2022*
12th (CBSE)　　　　　　　　　　　　　　　　　　　　　　　　Jabalpur (M.P.), India
  ◦ Grade: 95.2%

EXPERIENCE

Intern at I4C　　　　　　　　　　　　　　　　　　　　　**June 2025 – July 2025**
Indian Cybercrime Coordination Centre, New Delhi

Working and collaborating with the Cyber Crime Department of India to explore cybersecurity and digital forensics. Will be focusing on learning advanced tools and investigating how AI can be leveraged to enhance digital security.

SKILLS

• **Languages:** C, C++, Java, Python
• **Other tools/libraries:** TensorFlow, PyTorch, Keras, OpenCV,Scikit-learn, Pandas, NumPy, ReactJS, Django, Node.js, HTML, CSS, MySQL, SQLite, MongoDB, Git, GitHub, Docker, Kubernetes, Flutter, GCP

PROJECTS

• **Towards Sustainable Cloud Computing: Energy-Aware Dynamic Resource Allocation**　*Feb 2025 - Present*
Tools: [Cloud computing, Machine Learning (XGBoost and SARIMA), Scheduling Algorithms (TADS)]　[◯]
  ◦ Designed a hybrid ML model (XGBoost + SARIMA) to forecast server temperatures using real-time system + environmental data.
  ◦ Implementing a scheduling algorithm for optimized load distribution, effectively reducing overheating and improving system performance.

• **RxEase: Doctor's Handwriting Prediction and connecting different Pharmacy**　*Feb 2025 - Mar 2025*
Tools: [EffectiveNet, Nodejs, MongoDB, Reactjs, Vercel]　[◯]
  ◦ Trained an EfficientNet-based deep learning model to accurately classify handwritten doctor prescriptions with 92.4% accuracy.
  ◦ Built and deployed an end-to-end system connecting users with pharmacies.

• **Bypass Broker: Hostel/PG/Homestay Finder**　　　　　　　　　　　　*Aug 2024 - Oct 2024*
Tools: [Flutter, Machine Learning, APIs]　[◯]
  ◦ Developed a property listing platform that displays available hostel/PG/homestays based on user input such as location and occupancy.
  ◦ Integrated payment gateways, automated billing, and filters for refined search results.

• **Club Management System: IIIT Kottayam**　　　　　　　　　　　　　　*Nov 2023*
Tools: [Django, HTML, CSS, JavaScript]　[◯]
  ◦ Developed a web-based portal to manage the operations of IIIT Kottayam's cultural clubs, including Wildbeats.

ACHIEVEMENTS AND CERTIFICATES

Oct '24 | **ACM Women India - Finalist**	June '24 | **Honored LOR - Finlatics DSML**
Mar '24 | **Drone Workshop - Space Labs**	Sept '23 | **SIH Internal Hackathon '23**
Oct '23 | **Google Cloud - GDSC IIITK**	Jan '25 | **AlgoUniversity - Graph & DP**