

Samar Sajad

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EDUCATION

- **Vellore Information Technology** 2022-2026
Bachelor of Technology - Computer Science
Courses: Operating Systems, Data Structures and Algorithms, Artificial Intelligence, DBMS, App Development
- **INTI International University** Malaysia
Bachelor of Computer Science(Hons) Jan 2025- May 2025
- **Delhi Public School Srinagar** Jammu and Kashmir
High School 2020

SKILLS SUMMARY

- **Languages:** Python, C++, SQL, HTML, JavaScript, Java, Solidity
- **Frameworks:** MySQL, Django, React, Node, Express,Next, Scroll, Vanar, MongoDB
- **Machine Learning/AI:** TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, OpenCV, NLP, LLM, GenAI
- **Tools:** Git, Android Studio, Firebase,Docker,Apache Kafka Cloudinary
- **Platforms:** Web
- **Soft Skills:** Event Management, Content Writing, Public Speaking, Time Management

EXPERIENCE

- **Jr Web Associate** Remote
ThriftX [thriftx.in](#) September 2025 - February 2026
Engineered full-stack features using Next.js, supporting 3 core workflows: orders, payments, and logistics.
Integrated 3+ third-party services (Firebase, ShipRocket, Razorpay) for authentication, payments, and shipping.
Automated deployment processes using CI/CD pipelines, reducing manual release steps and improving deployment stability
- **Project Admin** Remote
Girlsript Summer of Code July 2025 - October 2025
Led an open-source Hospital Management System with 10+ contributors across multiple feature modules.
Reviewed and merged 50+ pull requests, enforcing code quality and best practices. Configured a GitHub CI pipeline that reduced deployment errors by 25% through automated testing.
- **Web Developer Intern** Onsite
Mid City Urology and General Nursing Home September 2024 - December 2024
Architected backend services using Node.js and MongoDB, streamlining appointment and patient workflows.
Built secure file upload functionality and RESTful APIs, improving data handling efficiency. Designed responsive UI components using React and CSS Modules, reducing appointment processing time by 40%.

PROJECTS

- **Breast Cancer Detection using VGG16:** Trained and fine-tuned a VGG16-based CNN using transfer learning to classify breast ultrasound images into 3 classes. Evaluated model performance using confusion matrix, ROC-AUC, and classification reports. Achieved 85% validation accuracy on unseen test data
Tech: Python · TensorFlow,Transfer Learning, Computer Vision
- **Hospital Management Website:** Designed a full-stack healthcare platform to manage patient records, appointments, and reports. Developed RESTful APIs using Express and MongoDB for secure data operations.Implemented a responsive frontend using React and CSS Modules
Tech: React.js, Node.js, Express, MongoDB
- **Smart Recipe Generator:** Developed a full-stack, AI-assisted Recipe Generator supporting 2 input modes: image-based and manual ingredient entry. Integrated Imagga API for ingredient detection and Cloudinary for image storage. Implemented ingredient-matching logic to generate personalized recipe recommendations
Tech: Python. Next.js, Firebase, Cloudinary, Imagga API, REST APIs,

VOLUNTEER EXPERIENCE

- **Core Member of IoT Club of VIT Bhopal** Feb 2024 - Present
Delivered hands-on workshops and live demos on web technologies, boosting peer engagement by 50
- **Participant – ETHU Uprising Hackathon** Asia Pacific University, Malaysia
Built a Web3 solution using Solidity, Scroll, and Vanar; explored dApp architecture and Layer 2 scaling.Gained : real-time blockchain integration experience in a collaborative environment.

ACHIEVEMENTS AND AWARDS

- **21st rank in GSSoC'24:**
- **Rajya Puraskar:**
- **National Player - Netball:**