

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:** TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, OpenCV
- **Tools:** Git, Android Studio, Firebase, Cloudinary
- **Platforms:** Web
- **Soft Skills:** Event Management, Content Writing, Public Speaking, Time Management

EXPERIENCE

- **Jr Web Associate** Remote
ThriftX [thriftx.in](#)
September 2025 - Present
Developed full-stack features using Next.js, building the entire e-commerce platform from scratch with robust API endpoints for orders, logistics, and payments. Integrated Firebase, ShipRocket, and Razorpay, and performed extensive API testing/debugging to ensure reliability and performance. Implemented CI/CD pipelines and automation for smooth deployments in a fast-paced startup environment.
- **Project Admin** Remote
Girlscript Summer of Code
July 2025 - Present
Leading the Hospital Management System open-source project, Mentoring 10+ contributors on best practices, reviewed pull requests, and enforced code quality standards. Established a streamlined GitHub CI pipeline that reduced deployment errors by 25 percent through enhanced testing protocols, increased team efficiency and bolstered project milestone delivery by an average of two days.
- **Web Developer Intern** Onsite
Mid City Urology and General Nursing Home
September 2024 - December 2024
Designed and deployed responsive UI modules for the hospital's web platform using React and CSS Modules, improving user navigation and overall interface consistency. Developed scalable backend services and database schemas with Node.js and MongoDB to streamline hospital workflows. Implemented secure file uploads and optimized REST API endpoints, reducing appointment processing time by 40 percent through faster data handling

PROJECTS

- **Breast Cancer Detection using VGG16:** Built a deep learning model using VGG16 with transfer learning to classify breast ultrasound images as normal, benign, or malignant. Achieved 85 percent validation accuracy, evaluated using confusion matrix, ROC-AUC, and classification report.
Tech: Python · TensorFlow, Transfer Learning, Computer Vision
- **Hospital Management Website:** Developed a full-stack healthcare platform to streamline hospital services for patients. Implemented secure file uploads using Multer, and built RESTful APIs with Express and MongoDB for data handling. Designed responsive frontend with React and CSS Modules for modular styling.
Tech: React.js, Node.js, Express, MongoDB
- **DocView:** Created a mobile app for patients to upload and share diagnostic images with doctors. Integrated local storage for offline access, ensuring smooth usage in low-connectivity areas.
Tech: Java, XML, Android Studio

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:**