Samar Sajad

Last Updated: 11 December, 2025

Github: samarsajad

LinkedIn: samarsajad

Email: samarsajad6@gmail.com

Mobile: +91-6005293627

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*
  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
  Girlscript 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**: Devploped 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**: