# Samar Sajad

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## EDUCATION

- **Vellore Information Technology**                                    Bhopal, India
  *Bachelor of Technology - Computer Science*                           *2022 - 2026*
  **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, Scroll, Vanar, Mongodb
- **Machine Learning**:   TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, OpenCV
- **Tools**:   Git, Android Studio, Adobe Illustrator
- **Platforms**:   Web
- **Soft Skills**:   Event Management, Content Writing, Public Speaking, Time Management

## EXPERIENCE

- **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.

- **Open Source Contributor**                                          Remote
  *Girlscript Summer of Code*                                           *May 2024 - August 2024*
  - **Frontend:**: Enhanced front-end interfaces across 20+ repositories, improving user experience and accessibility.
  - **Backend:**: Integrated third-party APIs and implemented secure web scraping in Django, improving data reliability by 30 percent.
  - **Pull Request Management:**:   Successfully created and merged 95+ pull requests, contributing to the continuous improvement and and reducing bugs by 40 percent.

- **Mid-City Urology and General Nursing Home**                        Onsite
  *Web Developer Intern (Full-time)*                                    *September 2024 - December 2024*
  - **Frontend**: Designed and deployed responsive front-end modules for hospital web applications using React and CSS Modules..
  - **Backend**: Built scalable backend services and database models using Node.js and MongoDB.
  - **Backend**: Enabled secure file uploads and REST API endpoints, resulting in 40 percent faster appointment processing.

## 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**: