

Shraddha Rai

Roll No.: 22881A05Q4

🌐 <https://github.com/Shraddharai412>

📞 +91-8688263627

✉ shraddharai22cs@student.vardhaman.org

🌐 <https://www.linkedin.com/in/shraddha-rai-a7576229a/>

CAREER OBJECTIVE

A passionate Computer Science student with expertise in Software Development, Cloud Computing, and Data Structures and Algorithms. Skilled in Web and Android Development, and AI, with a drive to build scalable, secure, and high-performance applications. Eager to innovate, learn, and contribute to impactful projects

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering, JNTUH.** 2022-26
Vardhaman College of Engineering, Shamshabad CGPA: 9.83
- **Intermediate in MPC, Telangana Board of Intermediate Education (TGBIE).** 2020-22
Space Junior College, Balapur Percentage: 98.8
- **Tenth Class, Telangana Board of Secondary Education (BSET).** 2022
Brilliant Grammer High School, Shamshabad CGPA : 10

ACADEMIC PROJECTS

- **Clair Vue** Feb-April 2025
Clair Vue is an AI-powered diagnostic tool for classifying retinal diseases from fundus images
 - Performs automated preprocessing, deep feature extraction using RA-EfficientNet, and disease classification
 - Integrates Grad-CAM for generating heatmaps to visualize model attention
 - Technology Used: Python, TensorFlow, OpenCV, Matplotlib
- **CloudJourney** May-Jul 2024
CloudJourney is an airline management system designed for airline staff and passengers alike
 - Efficient way to manage flight bookings, customer data and schedules
 - The system is implemented using a 3-tier architecture and runs on a local XAMPP server.
 - Technology Used: PHP,HTML,CSS

INTERNSHIP

- **Android Development** Nov 2024 – Jan 2025
Intrainz Online
 - Completed an industrial training program with industry mentors in Android Development.
 - Gained hands-on experience in developing and optimizing Android applications.
- **AWS Cloud Computing** Aug - Oct 2024
National Institute Of Electronics And Information Technology (NIELIT) Online
 - 8-week program focused on AWS fundamentals, cloud computing concepts, and practical implementations.
 - Understanding of AWS cloud computing services, including EC2,VPC and more.
- **Full Stack Developer (ReactJS + Spring Boot + SQL)** May - Oct 2024
Mass Mutual (MOU Program) | Vardhaman College of Engineering Online , Offline
 - Developed a full-stack Insurance Management System as part of a team project under the Mass Mutual MOU Program.
 - Built responsive and interactive user interfaces using ReactJS
 - Integrated frontend with Spring Boot REST APIs to enable seamless data exchange.
 - Implemented backend logic in Java, handling modules like policy management, client data, and claims.
 - Designed and executed SQL queries using MySQL for efficient data storage and retrieval.
 - Collaborated using Git/GitHub, tested APIs with Postman, and developed in VS Code.

TECHNICAL SKILLS

Languages: C, Java, Javascript, HTML+CSS

Libraries : ReactJs

Dev Tools: Nodejs, VScode, Git, Github,Android Studio

Frameworks: ReactJs

Cloud/Databases:Relational Database(mySql),Oracle

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

CERTIFICATIONS

- **Front End Web Development** , Infosys SpringBoard, April 2025.
- **AWS Academy Cloud Foundations ,Badge** ,AWS, March,2025.
- **Unity Essentials Pathway Badge** ,UNITY, March,2025.

CERTIFICATES

- **Programming in java** , Swayam, NPTEL, July - October 2024.
- **Data Structures and Algorithms using Java** , Swayam, NPTEL, July - October 2024.
- **The Joy Of Computing using Python** , Swayam, NPTEL, Jan-Apr 2023.

ACHIEVEMENTS

- Published a research paper titled "ClairVue – Diabetic Retinopathy Detection using EfficientNet and Grad-CAM" at International Conference on Computer Science and Communication Engineering (ICCSCE)-2025, organized by Holy Mary Institute of Technology Science, Hyderabad.
- Published Research Paper: "THREDDLE –Online Tailoring Service" in IEEE 2nd International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR) ,December 2024.
- Cash Prize Winner in Project Expo organized by the Center for Innovation and Entrepreneurship, Vardhaman College of Engineering,June 2024.

EXTRACURRICULAR ACTIVITIES

- Participated in 5-Day Front-End Web Development Certification Drive (HTML5, CSS3, JavaScript) – Infosys Springboard ,March 2025
- Trained on Unity Real-Time 3D Fundamentals,workshop conducted by ARK Infosolutions Pvt. Ltd. ,March 2025
- Demonstrated our project at IEEE YESIST12 hosted by Ravindra College of Engineering, showcasing innovative solutions in technology,March 2024.
- Engaged in a workshop focused on Cyber Espionage and Cyber Crimes in Cyber Security,March 2024.
- Participated in a workshop exploring the Research Perspective on Deep Learning Applications,December 2023 .