Radha Rungta

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Education

International Institute of Information Technology-Hyderabad — Hyderabad, Telangana
Bachelor of Technology in Computer Science : 8.14 — *Aug 2023 – July-2027*

Skills

Languages: Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Haskell, Assembly
Frameworks and Libraries: Flask, React.js, Node.js, Express.js, pandas, NumPy, Matplotlib, manim, OpenCV, TensorFlow
Developer Tools: Git, MongoDB, Google Cloud Platform, VS Code
Soft Skills: Teamwork, Time Management, Problem Solving
Courses Taken: Operating Systems & Networks, Data Structures & Algorithms, Web Development, Database Management Systems

Experience

Women Engineers Scholar'24 — **Feb. 2024 – Present**
Programme by Talentsprint, Supported by Google

- Selected as a fellow among 210 other women across the country for the two year program.
- Receiving training in Technical, Corporate Skills, Resume-Building, Interview prep to help succeed in a corporate setting.

Participated in WE Immersion Week, gaining insights into Google operations, opportunities, and interview processes through sessions with leaders.

Projects

Distributed File System | *C*

- Designed and implemented a distributed file system with a client-server architecture, featuring efficient metadata management, scalable storage operations, and redundancy handling for robust file operations.

Buy-Sell Website for College Students | *MongoDB, Express.js, React.js, Node.js*

- Developed a platform to facilitate buying and selling among IIIT-H students.
- Implemented user authentication, product listings, search functionality, and OTP verification for secure transactions.
- Deployed the application for seamless access and efficient transactions.

Custom C-shell | *C*

- Engineered a custom shell in C, adeptly managing 15+ basic commands and process handling functions; created efficient signal handling and background and foreground process management.

Space Invaders Game | *Python,Pygame*

- Collaborated on the development of a Space Invaders game, recreating the classic arcade experience using Pygame, and utilized Git for version control to implement game mechanics and visual elements.

Video Editing Website | *HTML, CSS, JavaScript, Python, PostgreSQL.*

- Developed a web app for creating videos by combining images and audio.
- Implemented user authentication and used PostgreSQL for data management.
- Integrated a Python backend for video and audio processing with a user-friendly interface.

Multilingual Voice-Controlled Car | *Python, ESP32, MIT App Inventor, Googletrans*

- Built a voice-controlled car with multilingual support.
- Used Googletrans library for real-time translation on the Python server before sending to ESP32.

Extracurricular Activities

- Served as a Member of the Student Council, representing the student body- this helped me enhance my leadership and organizational skills.
- Active member of the Dance Club, gaining experience in event management, teamwork, and collaborative performances.