Rishitha Akkinapelly

+91 9491368456   akkinapellyrishitha@gmail.com   [Linkedin](#)   [Github](#)

SUMMARY

Computer Science undergraduate passionate about building efficient and user-centric software. Proficient in HTML, CSS, JavaScript, and Python, with hands-on experience in developing responsive web apps and deploying them on cloud platforms. Eager to contribute to real-world software projects while continuously learning new technologies.

EDUCATION

Vivekananda Institute of Technology and Science, Karimnagar   **2021 - 2025**
B.Tech , Computer Science and Engineering   Grade: 8.0 CGPA

Srigayatri Educational Institutions, Hyderabad   **2019 - 2021**
Intermediate , MPC   Grade: 82%

Shanthinikethan High School, Jagtial   **2018 - 2019**
SSC   Grade: 9.5 CGPA

EXPERIENCE

SaiKet Systems   **Jun 2024 - Jul 2024**
Web Developer Intern
- Designed and launched a personal portfolio site using HTML, CSS, and JavaScript.
- Developed e-commerce and blogging platforms, boosting UI/UX interactivity and performance.
- Created reusable components such as navigation menus and contact forms for better site functionality.

PROJECTS

Finding Effective Road Network Routes using Clues
- Developed GCS, CDP, and BAB algorithms to find optimal routes based on keyword clues.
- Built PB-tree and AB-tree indexing structures, reducing query time by up to 30%.
- Implemented scalable routing solutions for real-world road networks.

RouteGuru   [Link](#)
- Designed an AI-powered personal mobility assistant with multi-modal transport integration.
- Leveraged real-time data to optimize routes involving walking, biking, ridesharing, and public transport.
- Enhanced user journey planning using generative AI tools.

FoodMuch   [Link](#)
- Built and deployed a responsive website on AWS S3 for cloud hosting.
- Gained hands-on experience in AWS and static website deployment.
- Designed intuitive UI/UX elements for a seamless user experience across devices.

Protecting Your Shopping Preference With Differential Privacy
- Developed O-DIOR and RO-DIOR schemes to enhance online banking privacy using differential privacy mechanisms.
- Reduced privacy loss to <0.5 while maintaining transaction accuracy and addressing noise boundary issues for secure data handling.
- Evaluated system performance through mobile payment experiments, ensuring robust security and efficiency.

CERTIFICATIONS

Build Your Own Static Website

Build Your Own Responsive Website

XPM 4.0 Fundamentals

UI/UX Mega Workshop

Generative AI Mega Workshop 2.0

SKILLS

- **Frontend:** HTML, CSS, JavaScript, Responsive Web Design
- **Backend:** Python, Java
- **Database:** MySQL
- **Cloud & Deployment:** AWS S3, Apache Tomcat
- **Version Control:** Git, GitHub
- **Tools:** VS Code, Canva
- **Soft Skills:** Effective Communication, Team Collaboration, Problem Solving, Time Management, Adaptability, Creative Thinking