RITIKA GHANTI

ritika.ghanti7@gmail.com | https://github.com/ritikaghanti | https://www.linkedin.com/in/ritika-ghanti/ | (682)-406-8664

OBJECTIVE

I am a graduate student with a holistic knowledge of software development and design. Extremely motivated to constantly develop my skills and grow professionally. I wish to make use of the knowledge gained to put into use to benefit the society as a whole.

EDUCATION

Master in Computer Science   August 23 - Present

The University of Texas at Arlington, Arlington Texas

Bachelor of Engineering in Computer Engineering   July 19 - July 23

Don Bosco college of Engineering, Goa India
GPA: 3.65/4

WORK EXPERIENCE

Intern - CodeRelix
- Collaborated with senior developers to develop and maintain web applications using Laravel framework.
- Worked on database management tasks, including schema design, data migration, and SQL query optimization.
- Technologies used: HTML, CSS, Laravel, PHP.

PROJECTS

LearnSketch using Python   August 22-July 23
- LearnSketch empowers artists by systematically detecting and rectifying deviations from reference images
- Achieved a 15% reduction in sketch inaccuracies by identifying and rectifying deviations from reference images.
- Designed an intuitive user interface for seamless integration into artists' workflows.
- Python, Kotlin and Android programming was used.

Medical Monitoring Unit using C#   August 21-July 22
- The project was developed in C# to address the challenges posed by the COVID-19 pandemic in monitoring patients remotely.
- Doctors can monitor patients in real-time, keeping track of vital signs such as oxygen levels and temperature.
- The system visualizes patient data using graphs and charts, making it easier for doctors to interpret.

SKILLS

Languages and Web: HTML, Java, C, C++, C#, CSS, Bootstrap, PHP, MySQL, Responsive Design, Python.
Technologies: Rest API, Android, Databases, AWS.
Courses: CE 340Object Oriented Programming System, CE 533Object Oriented Programming with JAVA, CE 724Mobile Computing & Android Development, CE 620AI, CE 610Modern Computing Networking

POSITIONS OF RESPONSIBILITY

- Treasurer of C-CODES   August 21-July 22

C-CODES is a student's council that aims at improving the quality and knowledge base of students and exposing students to industry norms and protocols that contribute to their personal and professional growth.

- Chairperson of SEEDS   July 19 - August 21

SEEDS is a student's council where my role involved strategic planning, team coordination, and collaborative efforts to empower engineering students.

EXTRACURRICULAR ACTIVITIES

- I competed as a representative of my state in the National table tennis championship in 2014.
- I was a volunteer for the National Service Scheme 19 - 22.