RANABERI DEEPIKA

Email id: ranabherideepika@gmail.com
Mobile: +91 9701668424
LinkedIn: www.linkedin.com/in/deepika-ranaberi-295335255
Communication address: H.no:131, Patruni Street,
Jagannadhapuram,
Parvathipuram,
Parvathipuram Manya, District,
Andhra Pradesh – 535501.

CAREER OBJECTIVE

Seeking a position within a reputable organization to apply technical database and management skills for the organization's advancement, while also aiming to expand knowledge of new and emerging technologies and trends.

ACADEMICS

Qualification	Institution	University/Board	Course Duration	Percentage/ CGPA
B. Tech (ECE)	Shri Vishnu Engineering College for Women, (Autonomous) Bhimavaram, AP	J.N.T.U Kakinada A.P.	2020-2024	**8.87**
Intermediate	Narayana Junior College Visakhapatnam, AP	Board of Intermediate Education, AP	2018-2020	**9.94**
SSC	Lions English Medium School, Parvathi Puram, Vizianagaram, AP	Board of Secondary Education, AP	2017-2018	**10**

TECHNICAL SKILLS

- PROGRAMMING LANGUAGES: C, PYTHON, JAVA
- WEB DEVELOPMENT: HTML, CSS
- DATABASES: MYSQL
- TOOLS: ARDUINO UNO

PROJECTS DETAILS

Project title: Calorie Burnt Prediction

- Description: Collect the datasets consisting of heartbeat, age, gender, etc.., You have to train the model and the model must be simple and fast enough to detect the calories burnt by the person during the workout.
- Technology used: Machine learning with Python

Project title: Smart Bridge

- Description: It helps when the water level increases in the river during heavy rains. When water level increases automatically the height of the bridge increases. To develop this we use Water sensors, Servo motors, Buzzer, LCDs, etc.,
- Technology used: IoT

Project title: River cleaning boat

- Description: A river cleaning boat is used to clean algae and plastic floating on water in the pond. To develop this, we used the L298N DC driver, sim 900, DC Motors, Ultrasonic sensor, Bluetooth module, etc.., and we also used AT, CMGF, and CMGS commands to send messages to the mobile.
- Technology used: IoT

Project title: Implementation of LEACH protocol for decreasing energy consumption of IoT devices in wireless communication networks

- Description: To optimize cluster head selection in the LEACH protocol for WSNs by using the GWO algorithm, inspired by grey wolves' hunting behavior. It helps to increase network lifetime by In evenly distributing energy consumption among nodes through optimized cluster head selection.
- Technology used: Matlab

INTERNSHIPS

- Internship in 'PYTHON PROGRAMMING' by Sky Rider Institution. (1 month)
- Internship in 'ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING' by Engineering Staff College of India (2 months)
- Internship in 'WEB DEVELOPMENT' by Exposys Data Lab. (2 months)
- Internship in 'TELECOM ' by BHARAT SANCHAR NIGAM LIMITED. (4 MONTHS)
- Internship in 'INTERNET OF THINGS ' by SkillDzire. (4 months)

CERTIFICATIONS

- Master Microsoft Word (Udemy)
- Computer network foundations. (Udemy)
- Arduino for Beginner (Udemy)
- Certificate of Participation in web design and development. (NSDC)
- Intro to Full Stack Web Development. (SVECW)
- SQL from Scratch: SQL Tutorial. (Udemy)

EXTRACURRICULAR ACTIVITIES

- Student of Assistive Technology Lab (ATL)
- Collaborated with the Indian Society for Technical Education (ISTE) and launched a peer-monitorship program.

SKILLS

- Drawing
- Effective Communication
- Creative Skills and Organizational Skills
- Self-learning and Continuous Learning
- Collaborative Teamwork

Declaration

I hereby solemnly affirm that all the details provided above are true to the best of my knowledge.

RANABERI DEEPIKA