Thansha Raihana

thansharaihana8073@gmail.com
+91 8073249537 | Kotekar, Manglore -575022

PROFESSIONAL SUMMARY

Oriented and motivatated engineering graduate with a solid foundation in CSE, with a strong focus on algorithm, programming and engineering technology committed to continous learning and driven curiosity.

EDUCATION

B.E in Computer Science and Engineering, P.A College of Engineering, Manglore(2022-20026)

XII | Kanachur PU College for Women, Manglore(2020-2022)

X | Markazul Hidaya Institution ,Manglore(2019-2020)

PROJECTS

- **Automatic water dispenser**

Developed an automatic water dispenser using Arduino Uno with sensor integration and actuator control, improving efficiency and hygiene through hands-free operation.
Key skills: Arduino programming, sensor integration, circuit design, embedded systems, hardware assembly.

- **Decentralized Real-Time Data Feed System**

Developed a real-time data feed system using decentralized architecture for secure and efficient data exchange.Integrated IoT devices and employed technologies like WebSockets for low-latency data transfer.
Key skills: Real-time data processing, decentralized systems, IoT integration, WebSockets, data security, .

- **Biodiversity-tracker :** An Interactive Platform for Real-Time Biodiversity Monitoring and Data Collection

Created a web app to track and document species data, with interactive maps, data visualization, and user authentication for streamlined biodiversity logging.
Key skills: HTML, CSS, Javascript, Node.js, MongoDB

SKILLS

Technical skills: HTML,CSS, C language, phython, SQL.
Soft skill: Problem-solving, Communication, Team Collaboration.
Tools/software skill: Microsoft PowerPoint, TeXmaker, VS Code, Powe BI

INTERNSHIP EXPERIENCE

Cybersecurity Intern – EYE Q Dotnet
- Gained hands-on experience in basic cybersecurity practices and threat analysis
- Assisted in identifying potential vulnerabilities and implementing security measures
- Learned tools and techniques for securing web applications and networks

CERTIFICATIONS

CS50: Introduction to computer science and engineering
Data structure in C
Infosys springboard: Cloud computing
GDSC: Gen AI

INTRESTS & LANGUAGES

Intrest: Art works, cooking, Reading books.
Language: English(fluent), Kannada(conversational), Hindi(Basic).