Bhumika K.R

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OBJECTIVE

Passionate engineering student eager to apply academic knowledge and hands-on experience to contribute to innovative projects .

EDUCATION

B-Tech |Electronics and communication | 7.6 GPA
NMIT, Visvesvaraya Technology University

PU | PCMC | 60 % Percentage
Chethana PU College, State Board

Class X | 88 % Percentage
Soundarya Central School, CBSE

Workshop

Embedded system, machine learning and IOT
1. Designed and implemented IoT-based embedded systems
using Arduino and ESP32 for real-time monitoring and control.
2. Integrated sensors for temperature, water, and LED testing.
3. Applied basic machine learning with Edge Learn tools.
4. Improved system efficiency through machine learning.
5. Conducted tests to ensure accurate and reliable performance.

Strategy formulation and data visualization
1. Data science extracts insights from structured and unstructured data.
2. Types of analytics include descriptive, predictive, and prescriptive.
3. Data visualization presents data graphically for clearer understanding.
4. Data science aids in business strategy formulation and decision-making.
5. A clear vision and mission guide its application across industries.

Power BI
Power BI Workshop – Aditi Gupta
- Gained hands-on experience in Power BI, learning advanced techniques for data visualization and dashboard creation.
- Mastered the process of importing, transforming, and cleaning data using Power Query.
- Developed interactive and insightful reports, utilizing Power BI's DAX (Data Analysis Expressions) for advanced calculations.
- Explored different types of visualizations (bar charts, line graphs, maps, etc.) and learned how to choose the most effective visualizations for different data sets.

Office Master

- Learned how to connect to multiple data sources such as Excel, SQL databases, and web-based data sources.
- Gained knowledge in publishing and sharing Power BI reports and dashboards, making them accessible for collaboration.

Session from 10x

- Applied real-world business scenarios to demonstrate the effectiveness of Power BI in decision-making processes.
- Enhanced skills in using Power BI to analyze and present data trends, helping in effective data-driven business decisions.

CERTIFICATION / TRAINING

1) **Embedded system and IOT**
2) **Machine learning and IOT**

3) **Learntube by CareerNinja**
- Basic quiz Java
- basic quiz of python

4) **RINEX Entrepreneurship Cell**
    Python course and frontend web development course

5) **Infosys springboard**
- Basics of web development
- Basics of python
- Basics of Java
- Fundamentals of data science

6) **Centre for Outreach and Digital Education**
Indian Institute of Technology. Madras
 "Strategy Formulation and Data Visualization"

7) **Blood donation certificate**

9) **Embedded system, machine learning and IOT**

10) **NXTWAVE**
- 7 Days code challenge participation
- Web development :Html CSS SQL
- Basics of AI
- Backend development MY SQL
- Python Programming
- Basics of ML and Database

11) *Japan zenken volunteer*
12) **introduction to cloud computing from simplilearn**
13) **AWS certificate**
- **AWS Cloud Practitioner Essentials**
- **AWS Security Fundamentals Second Edition**
- **Amazon Bedrock Getting Started**

- **AWS Foundations: Getting Started with the AWS Cloud Essentials**
- **Job Roles in the Cloud**
- **Amazon Connect: Implementing Chat in Connect**
- **Getting Started with Cloud Acquisition**
- **AWS Billing and Cost Management**
- **AWS Skill Builder Learner Guide**