NEHA V M

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OBJECTIVE

New graduate with a strong foundation in algorithms and full-stack development (Java),Python, seeking to join a collaborative engineering team where I can apply my skills to deliver high-quality software and continue learning from experienced professionals.

SKILLS

Programming Languages	C, C++, Java, Python.
Web Development	HTML, CSS, Tailwind CSS, JavaScript
Relevent Coursework	Data science ,Data Analysis, Machine learning , Object Oriented Programming.
Libraries Frameworks	Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn
ML Algorithums	Regression, Classification, Clustering, Predictive Modelling, Statistical Modelling.
Soft Skills	Teamwork, Communication, Problem Solving, Leadership.

PROJECTS

Tic-Tac-Toe game C++

- Developed a text-based Tic-Tac-Toe game using C++; implemented game logic with arrays and loops to manage the 3×3 grid and determine win conditions. Enabled two-player gameplay with alternating turns and win detection.

Personal Portfolio Website

- Built a fully responsive portfolio site using HTML, CSS, JavaScript, and Tailwind CSS. Implemented dynamic navigation, interactive animations, and a background image to showcase projects and skills. Ensured compatibility across devices and browsers, highlighting technical competencies to potential employers.

DIoT Sensor Node for Water Quality Monitoring (Arduino) Arduino uno IDE

- Designed a low-power IoT sensor node on Arduino Uno to monitor water turbidity. Integrated turbidity sensors via I^2C communication for real-time data acquisition. Optimized power management and coding efficiency to extend battery life by 40

Bank management system JAVA

- Created a Java-based application to automate banking operations, including account creation, transaction processing, and customer management. Implemented secure transaction handling and reporting features using object-oriented principles, improving efficiency and accuracy of data management.

NavBot: Intelligent Maze Explorer Arduino uno IDE

- Developed NavBot, an autonomous maze-navigating robot using Arduino Uno and onboard sensors. Implemented pathfinding and obstacle-detection algorithms to enable precise navigation of complex mazes. Tested and refined software to achieve reliable autonomous exploration in simulated environments.

WORK EXPERIENCE

As An Intern In NANDI POWERTRONICS PRIVATE LIMITED. 5th July 2023 – 14th Aug 2023

Maintained inventory records and managed stock levels for electronic components, ensuring accurate tracking and timely replenishment.

Assisted in the assembly and wiring of electronic panels and modules, following standard industrial procedures.

Conducted quality control tests on AC/DC fan failure detection units and diode OR-ing modules, verifying functionality and compliance with specifications.

Collaborated with the production team to support hardware development projects, gaining practical experience in embedded systems and power electronics.

EDUCATION

Bachelor of Technology (B.Tech) in Electrical and Electronic Engineering , Reva University, Bangalore
Over All CGPA=8.92 **2021 - present**

DECLARATION

I hereby declare that the above given data are true and accurate to best of my knowledge and belief and I take full responsibility for the correctness of information.

Place:

Date: **(NEHA V M)**