Dhanya S

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About Me

Passionate and driven engineering student with a strong foundation in mathematics, logical reasoning, and a deep interest in Java, web development, AI/ML, and graphic design. Seeking opportunities to apply my programming skills, creative abilities, and technical knowledge in impactful projects that foster innovation and problem-solving.

Education

JSS Academy Of Technical Education Bengaluru, Computer Science and Engineering — 2022 – present
- CGPA: 8.75

Poornaprajna PU College, Udupi, PCMB — 2020 – 2022
- Percentage: 91

Certifications

Google Certificate in Cybersecurity
- Acquired foundational knowledge in cybersecurity principles and practices

DBMS SQL Certificate from Great Learning
- Developed expertise in database management and SQL

Gaming Creation Certificate from Coursera
- Learned the basics of game development and design

AI Essentials Certificate from Google
- Gained foundational insights into artificial intelligence and machine learning

Generative AI certification by LinkedIn and Microsoft
- Gained foundational insights into Generative AI and handling tools like Copilot

Certification of Cisco
- Gained hands-on experience using Cisco Packet Tracer about computer netwoks

Projects

Amazon Clone
- Developed a replica of the Amazon website using HTML and CSS, focusing on front-tend development skills
- Tools Used: HTML, CSS

Edu-Insight: Result Analyzer
- The Result Analyzer Website provides an efficient, accurate, and user-friendly solution for analyzing and presenting exam results. It automates data processing, enhances decision-making, and offers clear insights, greatly benefiting students, teachers, and administrators
- Tools Used: HTML, CSS, Javascript, Python

The LCD Display In Scrolling Fashion
- Designed and implemented a scrolling text display system using an Arduino Uno

and a 16x2 LCD screen with I2C interface. Developed multiple scrolling algorithms including character-by-character, block, and circular scrolling for smooth and customizable text movement. Optimized performance through efficient memory management and minimized data transfer. Integrated user-controlled features like adjustable scrolling speed, direction, and looping functionality. Demonstrated practical applications in public displays, clocks, and consumer electronics.

- Tools Used: Arduino Uno, 16x2 LCD with I2C Interface, Arduino IDE, Embedded Systems Programming

Library Management System

- Library Management System is a software application that helps manage books, members, and transactions like issuing and returning books efficiently. It typically includes features such as book inventory tracking, member registration, and due date management
- Tools Used: Python

Skills

Programming Languages: Java, C, HTML, CSS, JavaScript

Tools & Technologies: DBMS, Cisco Packet Tracer, Scratch, Canva

Technical Skills: Web Development, Graphic Design, Video Editing

Soft Skills: Logical Reasoning, Problem-Solving, Creativity, Attention to Detail

Languages: English, Hindi, Kannada

Interests

Web Development & Coding

- Enthusiastic about building responsive, user-centric websites

Artificial Intelligence & Machine Learning

- Eager to explore AI/ML technologies and their applications

Photography & Video Editing

- Skilled in capturing and editing visuals, blending technical and creative skills

Cultural Interest

- Certified Classical Dancer with 10 years of training in Bharatanatyam

References

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