

ANANDHA KRISHNAN S

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Objective

Highly motivated with a strong work ethic and analytical skills. Eager to leverage academic knowledge and contribute to a team-oriented environment. Possesses a growth mindset and thrives in learning new things.

Education

B.E Electronics and Communication Engineering, Rajalakshmi Engineering College 2021 – 2025 | Chennai
CGPA: 7.29/10
HSC St. Joseph Mat. Hr. Sec. School, **Percentage: 71.04** 2020 – 2021 | Poonamallee
SSLC St. Joseph Mat. Hr. Sec. School, **Percentage: 78.20** 2018 – 2019 | Poonamallee

Internship

Wheels India Limited, Chennai

During my internship at Wheel s India Limited, I gained comprehensive knowledge of the Tire Pressure Monitoring System (TPMS). I learned how temperature and pressure variations impact tire functionality and how the system monitors tire data and effectively communicates this information to users through a dedicated mobile application, ensuring safety and efficiency in vehicle operations.

Projects

Accident Alert System using Arduino Uno April 2024 – May 2024

- Crash Detection: Instantly detects vehicle crashes and retrieves location details using GPS.
- Alert System: Sends location to a predetermined contact via GSM, with an option to cancel false alerts using a buzzer and switch.

Resume Parser using Natural Language Processing Feb 2024 – Mar 2024

- Extracts key information from multiple resumes using natural language processing.
- Compares extracted data with an existing dataset of skills and metrics.
- Visualizes output as a pie chart showing the distribution of skills, experience, and relevant metrics.

Cafe Management System using Java and MySQL Feb 2023 – Mar 2023

- Developed using Java Swing and MySQL, featuring a login page for user access.
- Users can place orders, and the system generates a total bill.
- Transaction data is securely stored in the database for managing sales and inventory.

Skills

- Java
- C(Basics)
- MATLAB
- Cisco Packet Tracer
- Xilinx
- React framework
- CSS
- HTML

Achievements

- Ranked one among the top 100 in Designathon'24 Achieved top 15
- led the school as athletics captain and secured gold medal in state level javelin throw (2018-2019)
- successful completion, demonstrating strong leadership and project management skills.
- Idea submission selected for NCARAM conference 2024

Certificates

- Course on Java by oracle
- What is Generative AI? provided by LinkedIn
- Embedded Systems and IOT.
- Certification on C
- PCB design and fabrications