

DHANUESH S

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SUMMARY

Passionate and driven software developer with a knack for problem-solving and flair for creating efficient innovative solutions. I thrive in dynamic environments where I can leverage my skills in coding and teamwork to deliver exceptional results. Eager to bring my technical expertise and enthusiasm to a forward thinking team.

PROJECT

Personal Finance Manager Web Application

Matrimorphosis Training • github.com/S-Dhanuesh/Personal-Finance-Manager.git • March 2025 - April 2025

- Developed a full-stack finance app to track expenses, set monthly budgets, and visualize spending patterns.
- Implemented role-based modules with category-wise budget tracking and alerts.
- Integrated Chart.js for spending analysis and budget vs actual visualizations.
- Added savings goal tracker, lazy-loaded Angular modules, and CSV/PDF data export features.

Estimation of Remaining Useful Lifetime (RUL) for Machinery

SREC • drive.google.com/drive/folders/1rBrUvx0te2jSnnMDMgj72fL5elaE60ia • September 2024 - April 2025

- Created a deep learning-based solution to predict the remaining useful lifespan of machinery.
- Implemented GRU and LSTM models for predictive analysis, achieving an accuracy of 85%.
- Enhanced maintenance planning by alerting users to potential failures in advance.

Machine Monitoring System Using ML

SREC • drive.google.com/drive/folders/1rBrUvx0te2jSnnMDMgj72fL5elaE60ia • August 2023 - May 2024

- Developed a standalone web interface to identify failures in hydraulic machines and analyze oil purity.
- Utilized Python, XGBoost, SVC, and CNN models to detect performance issues with 90% accuracy.
- Automated performance monitoring, reducing machine downtime by 15%.

EDUCATION

Bachelor of Computer Science and Engineering

Sri Ramakrishna Engineering College • Tamil Nadu , Coimbatore • 2025 • 7.2

HSC

Venkatalakshmi Matric Higher Secondary School • Coimbatore • 2021 • 86%

SSLC

Venkatalakshmi Matric Higher Secondary School • Coimbatore • 2019 • 84%

CERTIFICATIONS

Completed Full – Stack Development Training

Matrimony.com • 2025

Completed Web Development Bootcamp

Udemy • 2023

Business English Preliminary Certification

Cambridge Assessment English • 2022

SKILLS

Programming Languages : C, Java, Python

Web Development : HTML, CSS, JavaScript, TypeScript, Angular, Node.js, Express.js

Database : MySQL

Machine Learning : XGBoost, SVC, CNN, GRU, LSTM

Tools & Platforms : VS Code, Git, MySQL Workbench

Languages (RWS) : Tamil, English, Hindi