Harish S

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SUMMARY

Final-year **B.Tech Information Technology** student with a strong passion for learning and innovation. Skilled in time management, problem-solving, and teamwork within dynamic environments. Detail-oriented and deadline-driven, with a proactive approach to challenges. Eager to contribute to impactful software solutions and grow as a technology professional.

EDUCATION

Prince Shri Venkateshwara Padmavathy Engineering College   2022 – 2026
B.Tech - Information Technology | CGPA: 7.2

Zion Matriculation Hr Sec School   2021 – 2022
HSC | Percentage: 69%
SSLC | Percentage: 71%   2019 – 2020

INTERNSHIP

Full Stack Developer Intern, Chennai Metro Rail Limited, Nandanam.   09/25 – 10/25
- Developed an **Attendance and Leave Management System** using **HTML, CSS, JavaScript, Node.js, Express.js, and SQL**, automating employee record tracking and reducing manual work by **40%**.
- Implemented **secure authentication, role-based access, and dynamic dashboards**, enhancing data accuracy, scalability, and user experience.

Machine Learning Intern, Vcodez Pvt. Ltd.   04/25 – 06/25
- Built and optimized **Machine Learning models** using **Python, Pandas, and scikit-learn**, achieving up to **85% accuracy** on real-world datasets such as loan approval and email emotion analysis.
- Contributed to the **end-to-end ML workflow** — from data preprocessing to model evaluation and tuning — improving performance efficiency by **~20%**.

PROJECTS

Attendance and Leave Management System   2025
- Developed a full-stack web application for managing employee attendance and leave records using **HTML, CSS, JavaScript, Node.js, Express.js, and SQL**, ensuring efficient data storage and retrieval.
- Implemented secure authentication, role-based access, and dynamic dashboards to streamline HR operations and enhance user experience.

Loan Approval Prediction using ML   2025
- Developed a **loan eligibility prediction model** using **Random Forest**, comparing it with other algorithms to identify the best performer.
- Implemented the solution in **Python** using **Pandas** and **scikit-learn**, achieving over **80% accuracy** through model tuning and evaluation.

Email Emotion detection
- Engineered an **Email Emotion Detection system** leveraging **NLP techniques** to classify emails based on emotional tone (e.g., joy, anger, sadness).
- Implemented **text preprocessing**, **sentiment analysis**, and **machine learning models** to enhance communication insights and decision-making workflows.

TECHNICAL SKILLS

Languages: Python, Java, HTML, CSS, JavaScript
UI/UX Design: Figma
Tools: Node.js, Bootstrap, GitHub, MySQL, MongoDB, React.js, MS Office
Other Skills: AR/VR Development, Type Writing (Second Class), Team Collaboration, Communication, Adaptability.

CERTIFICATIONS AND ACHIEVEMENTS

- Design Thinking – A Primer (NPTEL)
- UI/UX Designing – ThisUX
- Patent Holder – Thermoelectric Generator for EVs
- Design, Technology & Innovation – NPTEL
- Salesforce Administrator – TechForce
- AppApplied Database Systems(ADSE) – IITM Pravartak