

Chethan L R

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Objective

Motivated Computer Science student with hands-on experience in web development, IoT, and AI. Cleared Accenture Gold Aspire and participated in Infosys Ideatone. Currently working on a decentralized AI dataset marketplace. Seeking an opportunity to solve real-world problems using modern technologies.

Education

B.E. in Computer Science

CGPA: 8.5/10

Alva's Institute of Engineering, Mijar

2022 – 2026

PUC (PCMB)

70%

Govt. PU College, Lingadahalli

2020 – 2022

10th Grade

82%

Govt. High School, Lingadahalli

2020

Projects

Decentralized AI Dataset Marketplace (Ongoing)

Blockchain-style platform to contribute, trace, and monetize datasets for AI training using SHA256 and hash-chaining.

Tools: Python, Flask, Blockchain Concepts

Health Tracker & Predictive Analytics

Monitors vitals and predicts health issues using historical patterns and trend analysis.

Tools: Java, Python, HTML

Smart Locking System (IoT)

Built an app-controlled smart lock system with sensor-based alerts and remote access.

Tools: C, IoT Devices

Payroll Management System

Automated salary processing with secure employee database and reporting.

Tools: HTML, PHP, SQL

Certifications & Achievements

Accenture Gold Aspire Graduate — Infosys Ideatone Participant

ServiceNow Micro-Certification (Completed)

National Hackathon Finalist (Top 4) — Infosys Springboard – Web Dev, OOP

500+ Problems Solved (CodeChef) — National-Level Handball Player

Technical Skills

Languages: C, Java, CSS, HTML, MySQL

Tools: Git, VS Code, LaTeX, Excel, Arduino

Domains: Web Dev, Predictive Analytics, IoT, Blockchain Concepts

Publications

A Review on AI Acceleration with FPGA and ASICs: A Comparative Study and Benchmarking (In Progress)

Comprehensive comparison of FPGA and ASIC accelerators for AI workloads with real-world benchmarks.

DeepSeek R1-MoDCE: A Contrastive Pretraining Approach for Language Models (In Progress)

Explores a contrastive learning strategy for improving contextual understanding in LLMs.