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 — Alva's Institute of Engineering, Mijar
CGPA: 8.5/10 — *2022 – 2026*

PUC (PCMB) — Govt. PU College, Lingadahalli
70% — *2020 – 2022*

10th Grade — Govt. High School, Lingadahalli
82% — *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
National Hackathon Finalist (Top 4) — Infosys Springboard – Web Dev, OOP
500+ Problems Solved (CodeChef) — National-Level Handball Player

Technical Skills

Languages: C, Java, Python, HTML, PHP, SQL
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.