NANDEESH HIREMATH

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EDUCATION

Information Science and Engineering, KLS Gogte Institute of Technology
CGPA: 8.6/10

Higher Secondary School, Maharshi Arvind School, Kota, Rajasthan

SKILLS

Course Subjects: OS, DBMS, OOP (C++), AI/ML Foundation
Programming Languages: C, C++, Python, HTML, CSS
Tools: Node.js, Express.js, GitHub, Flask
Database: SQL, PostgreSQL

EXPERIENCE

Application Development Intern, Hindalco Industries Ltd.   January - July 2025

- Designed and deployed a full-scale **Employee Management System** using Oracle APEX, applying Agile methodologies to digitize records of 1000+ employees and reduce manual HR intervention by 60%. Automated training tracking for 100+ monthly sessions to centralize learning-progress monitoring.

- Developed a **Grievance Redressal Portal** enabling employees to report incidents and track resolution status, with auto-triggered email notifications that reduced average response time from **60 hours to 15 hours**.

- Digitized **20+ critical paper-based forms** into Oracle APEX web applications with automated workflows, collaborating with HR and Operations to **streamline data access** and enable **real-time reporting** through agile delivery.

PROJECTS

- **Health360AI: AI-Driven Diagnosis and Care Platform** [Link] : Built an **AI-powered health platform** achieving **90% disease prediction accuracy (SVM)** with real-time symptom analysis. Integrated the **Google Gemini 1.5 GenAI chatbot** for intelligent health insights and user interaction. Deployed using **Flask** with **Firebase backend** for real-time data sync, **OTP-secured appointments**, and automated email workflows.

- **Gesture-Controlled Food Ordering System** : Created a Python-based touchless food ordering system using OpenCV and Mediapipe. Features include adding items, adjusting quantities, and generating bills, improving hygiene and efficiency in customer experiences.

- **Full-Stack Recruitment Platform** : Developed job posting & application system with efficient filtering, sorting, and pagination using optimized SQL queries (cut query latency by 30%). Implemented secure JWT-based authentication with RBAC for Admins and Candidates.
Integrated TanStack Query for server-state caching to eliminate redundant API calls and improve load performance. Built an Admin dashboard with real-time application analytics and traffic insights.

EXTRACURRICULAR ACTIVITIES

- Organized coding events and collaborated on technical projects, enhancing teamwork and peer learning. Donated 60+ science models to a local school, impacting 100+ students and encouraging STEM curiosity.

CERTIFICATIONS

- **Full Stack Web Development Bootcamp** - Udemy — **Programming with JavaScript** - Coursera — **SQL and Relational Databases 101** - CognitiveClass.ai