Shimal Akmal D

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EDUCATION

B.TECH IN AI & ML
Kongu Engineering College
Grad. APRIL 2027 | CGPA: 8.6 /10

HSE & SSLC
Kongu Kalvi Nilayam Matriculation
Higher Secondary School
12th Grad. May 2023 | Per: 94.2%
10th Grad. May 2021 | N/A

PROJECTS

TICKET BOOKING CHATBOT FOR MUSEUM | AI Project
Developed an AI-powered museum ticket booking chatbot that allows users to easily book tickets through natural language conversations. The system supports multilingual interactions, integrates geolocation to provide distance-based information, offers PDF/text-based Q&A through LangChain RAG, and processes payments via Razorpay.
Github:// TicketBookingChatbot.git

AI-Powered Face Matching System | AI Project
Developed a privacy-focused face recognition platform that lets users upload a photo and instantly find matching faces from their personal collection. Used MTCNN for face detection and FaceNet for feature extraction, with cosine similarity and embedding normalization for efficient matching. Built an interactive UI using React.js and Tailwind CSS. The backend (Flask + PyTorch + MongoDB) handles user auth, async embedding storage, and intelligent caching. Features include match previews with confidence scores, one-click downloads (individual/ZIP), and RESTful APIs with full CORS support.
Github:// Face-Reconition.

EMPLOYEE MANAGEMENT SYSTEM | Full Stack
Built a full-stack Employee Management System with admin functionalities to manage employee records, departments, leaves, and salaries. Developed using React, Node.js, Express, and MongoDB, the platform features secure authentication, a responsive UI, and real-time CRUD operations. Admins can track organizational data through interactive dashboards and manage workflows efficiently.
Github:// Employee-ms.

AI-Powered Mock Interview | Full Stack
Developed an AI-powered Interview Simulation Platform that replicates real hiring workflows with intelligent evaluation and real-time monitoring. It features dynamic question generation using LangChain and LLaMA (Groq API) for aptitude and technical rounds. The coding round supports Python, C, C++, and Java with secure execution via Docker containers. Real-time proctoring includes facial detection, microphone monitoring, and tab-switch tracking. Final reports and offer letters are automated, built using React, Flask, and MongoDB.
Github:Mock Interview.

LINKS

Portfolio : shimalakmald.vercel.app
https://github.com/Shimal007
leetcode.com/shimal072
linkedin.com/in/shimal-akmal
9894621913

AREAS OF INTEREST

Full Stack Development
Ai Development

SKILLS

LANGUAGES

- Python
- Java

WEB DEVELOPMENT

- HTML/CSS/JavaScript
- React
- Node Js
- Express Js
- Javascript

DATABASE

- SQL
- mongodb

AI

- Machine Learning
- Deep Learning

TOOLS

- Visual Studio
- GitHub
- Intelij

MEMBERSHIP

2024-2025 Computer Society Of India – Executive Member
2024-2025 Robotics Club-Member

AWARDS

2nd Prize in Hacknovate25 Hackethon.
3rd Project presentation At Karpagam Engineering College.
2nd Prize Project Presentation Conducted By Computer Society Of India.