

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

OPTIMIZED FACIAL RECOGNITION SEARCH ENGINE | AI Project

Built a Flask-based web application that enables users to search for images in a predefined album based on face similarity. The system uses MTCNN for face detection and FaceNet for feature extraction. Implemented a caching mechanism using pickle and JSON to store face embeddings, optimizing performance. Integrated with a real-time React.js dashboard for displaying search results. MongoDB is used for efficient storage and retrieval of metadata.

Github:// face_engine.git

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.git

CERTIFICATION

- MongoDB Associate Developer

ACHIEVEMENTS

- Presented a project on Project Expo 25
- Finalist Of Ideathon 25

LINKS

Portfolio : shimalakmal.vercel.app

<https://github.com/Shimal007>

<leetcode.com/shimal072>

<linkedin.com/in/shimal-akmal-a7b0ba291/>

AREAS OF INTEREST

Full stack Developer

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
- IntelliJ

MEMBERSHIP

2024-2025 Computer Society Of India – Executive Member

2024-2025 Robotics Club-Member

AWARDS

2nd Prize in Hacknivate25 Hackathon.

3rd Project presentation At Karpagam Engineering College.

2nd Prize Project Presentation Conducted By Computer Society Of India.