

MUGILAN

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PROFESSIONAL SUMMARY

MCA graduate with a strong interest in building practical and impactful full-stack solutions. Experienced in developing responsive, user-friendly, and secure web applications. Passionate about solving real-world problems through technology and eager to contribute to collaborative teams while continuously growing as a full-stack developer.

EDUCATION

Master of Computer Applications

R.V.S. College of Engineering

29/09/2023 - 30/08/2025

Dindigul - 624 005

CGPA: 8

Bachelor of Computer Science

The American College

20/08/2020 - 30/04/2023

Madurai - 625 002

CGPA: 7.9

TECHNICAL SKILLS

- Full Stack Development
- Python and Flask
- SQL
- Ollama
- Dialogflow
- Rest Api

CERTIFICATES

Full Stack Development

Full Stack Development course covering key technologies for building web applications Using MERN

December 2022 - March 2023

Elysium Academy, Madurai - 625020

Software Developer

Software development principles and practices for building robust applications

January 2020 - July 2021

Ace Academy, Madurai - 625001

International Conference Certificate

For AI Chatbot For Student Queries that commence on 25th and 26th April

EXPERIENCE

IT Trainer and Web Developer

Kyanite Technologies

- Worked as an IT Trainer and Web Developer
- Contributed to web-related training programs
- Gained hands-on experience in web application development

June 2025 - December 2025  Madurai - 625 003

PROJECTS

Park Management (CRM)

- Developed a dynamic MERN stack web application for a virtual zoo experience.
- Users can book tickets, adopt animals, and explore the zoo virtually.
- Admin panel enables efficient management of users and animal records.
- Implemented with React.js, Node.js, Express.js, and MongoDB.
- Enhances visitor engagement and streamlines zoo operations.

AI Chatbot for Student Queries

- Developed an intelligent chatbot system using MERN, Dialogflow, and LLaMA 3.
- Automates student query resolution with hybrid NLP capabilities.
- Dialogflow handles intent recognition; LLaMA 3 enhances contextual responses.
- Provides a real-time, user-friendly interface with persistent query tracking.

Chat Application

- Created a real-time messaging app using MERN Stack and Socket.IO.
- Supports user authentication, individual and group chats with live updates.
- Implemented React.js, Node.js, Express.js, and MongoDB for full-stack functionality.
- Enabled fast, secure, and scalable messaging via event-driven architecture.