

# Shaik Mohammed Fahad

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Pileru, Andhra Pradesh - 517214, India

## OBJECTIVE

I am Shaik Mohammed Fahad, an experienced professional committed to developing innovative solutions to ensure project success. My strong problem-solving skills enhance my work, and I am passionate about learning how computers operate. I have undertaken personal projects that integrate coding and art, including developing a website where a person can able to order food , utilizing technologies such as HTML5, JavaScript, and CSS3, , accessible on any browser. Additionally, I am interested in the field of Machine Learning.

## EDUCATION

- **SRM Institute of Science and Technology** Sep 2021 - May 2025  
*Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning*  
◦ CGPA: 8.93/10 Chennai, India
- **Sri Chaitanya Junior College** Jun 2019 - March 2021  
*Board of Intermediate Education, Andhra Pradesh [MPC]*  
◦ Percentage: 96.4% Tirupati, India
- **Sri Kakitiya High School** Jun 2018 - April 2019  
*Board of Secondary Education*  
◦ CGPA: 9.8/10 Pileru, India

## PROJECTS

- **Personal Portfolio:** [\[Link\]](#) May 2023  
*Tools: [HTML, CSS, JavaScript]* [\[G\]](#)
  - Led the development of a personalized portfolio website using HTML, CSS, JavaScript, and Node.js. Designed to showcase skills, projects, and professional experience in a visually appealing and interactive manner. Created a dynamic, responsive website that highlights expertise and achievements, demonstrating proficiency in front-end web development technologies.
- **Ecommerce:** [\[Link\]](#) Dec 2023  
*Tools: [HTML, CSS, JavaScript]* [\[G\]](#)
  - Developed an interactive e-commerce website using HTML, CSS, and JavaScript. The site features a responsive design optimized for various devices, allowing users to view products and their details. Implemented key functionalities such as product filtering, a dynamic shopping cart, and seamless user navigation. The project demonstrates proficiency in front-end technologies and a strong understanding of user experience design principles.
- **Simple Calculator:** [\[Link\]](#) March 2023  
*Tools: [HTML, CSS, JavaScript]* [\[G\]](#)
  - Built a simple calculator using HTML, CSS, and JavaScript. The calculator provides basic arithmetic operations (addition, subtraction, multiplication, and division) with a user-friendly interface. Designed with a clean, responsive layout and implemented interactive features to enhance the overall user experience. This project showcases strong front-end development skills.
- **Driver Drowsiness Detection:** Feb 2024  
*Tools: [Python, OpenCV, Dlib, Scipy, Imutils, Pygame]* [\[G\]](#)
  - Developed a real-time Driver Drowsiness Detection system using Python, OpenCV, dlib, and Pygame. The system utilizes facial landmark detection to monitor the eye aspect ratio (EAR), detecting when a driver's eyes are closed for an extended period. Implemented a pre-trained model to predict 68 facial landmarks and dynamically track the eye region. Integrated audio alerts that trigger when drowsiness is detected, ensuring timely warnings to prevent accidents. Demonstrated proficiency in computer vision, real-time video processing, and multimedia integration for safety applications.
- **Pet Adoption Management System:** April 2024  
*Tools: [MySQL]* [\[G\]](#)
  - Developed a Pet Adoption Management System utilizing SQL to streamline pet adoption processes. Designed and implemented database tables for managing pets, adopters, donations, volunteers, adoptions, and events, incorporating foreign keys and constraints for data integrity. Executed advanced queries, set operations, and built-in functions to generate insightful reports. Applied DDL commands for schema modifications and used PL/SQL to create procedures, functions, and exception handling for robust data management. Configured user permissions for data security, enhancing overall efficiency in shelter operations.

## SKILLS

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- **Programming Languages:** C, C++, Python, Javascript
- **Web Technologies:** HTML, CSS, Javascript, ReactJs
- **Database Systems:** MySql
- **CS Fundamentals:** OOPS, operating Systems, DataBase Managment System

## CERTIFICATIONS

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- **Machine Learning:** [\[Link\]](#) *Sep 2023*
  - Completed a comprehensive course on machine learning fundamentals, covering key concepts such as supervised and unsupervised learning, classification, regression, clustering, and model evaluation. Gained practical experience in applying algorithms to real-world datasets, and developed a solid foundation in machine learning techniques and their applications.
- **Data Structures and Algorithm:** [\[Link\]](#) *July 2024*
  - Completed a Data Structures and Algorithms (DSA) course from Learnyard, focusing on essential data structures (arrays, linked lists, stacks, queues, trees, and graphs) and algorithmic techniques (sorting, searching, recursion, dynamic programming). Gained hands-on experience with problem-solving strategies and optimized algorithmic solutions, enhancing skills in computational efficiency and complexity analysis.
- **HTML:** [\[Link\]](#) *Nov 2023*
  - Completed an HTML course from Knowledge Gate, covering fundamental concepts of HTML5, including elements, attributes, forms, and semantic tags. Gained practical experience in building and structuring web pages, enhancing skills in creating well-formed, accessible, and responsive web content.
- **CSS:** [\[Link\]](#) *Nov 2023*
  - Completed a CSS course from Knowledge Gate, focusing on core styling techniques and advanced concepts of CSS3. Gained expertise in designing and implementing visually appealing and responsive web layouts, including the use of selectors, box model, positioning, and animations. Developed skills in enhancing the user interface and ensuring cross-browser compatibility for optimal user experience.
- **Javascript:** [\[Link\]](#) *Dec 2023*
  - Completed a comprehensive JavaScript course from Knowledge Gate, gaining proficiency in core JavaScript concepts, including variables, functions, event handling, DOM manipulation, and asynchronous programming. Gained hands-on experience building interactive web applications and implementing modern JavaScript features

## ADDITIONAL INFORMATION

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**Languages:** Telugu (Native Proficiency), Hindi([Limited Working Proficiency , English (Professional Working Proficiency), Urdu(Native Proficiency)

**Interests:** Cricket, Video Gaming, Travelling.