

Resume

Aspiring AI and Data Science Engineer | Passionate about Applying Machine Learning, Data Analysis, and AI to Real-World Solutions

Personal details

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Profile

I hold a Bachelor of Technology in Artificial Intelligence & Data Science and have hands-on experience as an Artificial Intelligence Developer. My expertise lies in Machine Learning, AI, and Data Analysis, which I leverage to build innovative solutions. I excel at transforming complex data into actionable insights, driving efficiency and informed decision-making. With strong problem-solving skills and a commitment to excellence, I am dedicated to advancing AI initiatives. My background and skills position me well to contribute effectively to forward-thinking projects and teams in the AI industry.

Education

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|---------------------|---|
| Oct 2021 - Mar 2025 | Bachelor of Technology - Artificial Intelligence & Data Science K.S.Rangasamy College of Technology, Tiruchengode CGPA: 7.5 |
| Mar 2021 | Senior Secondary (XII), Computer Science Malar Matric Higher Secondary School, P.Velur Percentage: 74.4% |
| Mar 2019 | Secondary (X) Malar Matric Higher Secondary School, P.Velur Percentage: 67.4% |

Internships

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|---------------------|--|
| Jul 2024 - Jul 2024 | Data Analyst Cubeaisolutions Tech Pvt Ltd, Tiruchengodu, Tamil Nadu, India |
| Aug 2024 - Present | Artificial Intelligence Developer Cubeaisolutions Tech Pvt Ltd, Tiruchengodu, Tamil Nadu, India |
| Apr 2024 - Apr 2024 | Artificial Intelligence Codsoft (Virtual) |

I hereby consent to the processing of my personal data for recruitment purposes related to my application for the desired position.

This resume is made with Jobseeker.com.

Technical Skills

Expertise in Python programming for AI and data-driven applications

Proficient in Artificial Intelligence, Machine Learning, and Natural Language Processing (NLP)

Strong capabilities in Data Analysis, including data cleanup, interpretation, and visualization

Skilled in Web Development using HTML, CSS, JavaScript, PHP, and MySQL

Experienced in Database Management with SQL and localhost environments like WAMP

Major AI Projects

Diabetes Prediction Using Machine Learning

Developed a predictive model that accurately analyzes patient data to forecast the likelihood of diabetes, aiding in early intervention and prevention strategies.

Fake News Detection Using Machine Learning

Created a GitHub-hosted project utilizing machine learning algorithms to identify and classify fake news articles, contributing to informed media consumption.

Robust Tic-Tac-Toe AI Agent

Designed an AI agent capable of competing in Tic-Tac-Toe with strategic algorithms, showcasing advancements in game theory and AI strategy development.

Personalized Recommendation System

Developed a system providing tailored suggestions for movies, books, or products based on user preferences, enhancing user experience and engagement.

Prompt Enhancer AI (Final Year Project with IEEE Paper)

Developed an AI tool that refines user prompts, improving the quality and relevance of responses in conversational applications. Includes a comprehensive IEEE paper documenting the research and findings.

Sentiment Analysis Project

Implemented a tool to evaluate text data for sentiment polarity, providing valuable insights for businesses and researchers on public opinion.

Multimodal AI Project

Created a system that integrates various data types (text, images, etc.) for enhanced analysis and decision-making, showcasing the power of multimodal learning.

Document Summarization AI

Designed an AI model that condenses lengthy documents into concise summaries, increasing efficiency in information retrieval and comprehension.

Customer Chatbot

Developed a chatbot that assists customers by answering queries and providing support, improving customer service efficiency.

RAG-Based Chatbot

Built a Retrieval-Augmented Generation (RAG) chatbot that combines information retrieval with generative responses, providing accurate and contextually relevant answers.

Resume Filtering Chatbot

Created a chatbot designed to filter and analyze resumes based on job requirements, enhancing the recruitment process for employers.

Soft Skills

Effective Management and organizational abilities

Innovative and resourceful with strong Creative Thinking skills

Knowledgeable in Digital Marketing strategies

Analytical mindset with excellent Critical Thinking

Demonstrated Leadership and teamwork in various projects

Languages

Tamil

English

Hobbies

■ **Gaming and Technology Exploration**

■ **Coding and Problem Solving**

■ **Learning New Technologies**

Certificates

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|-----------------|--|
| Aug 2023 | Front End Development Libraries |
| Jan 2024 | Introduction to Cybersecurity |
| Jun 2024 | Tata Group - Data Visualisation: Empowering Business with Effective Insights Job Simulation |
| Jun 2024 | Certificate of Participation in Python Developer Internship |
| Jul 2023 | Certificate of Participation in The ReneVerse Borderless Gaming Hackathon |
| Oct 2024 | Introduction to Generative AI |

Additional Projects

Image Browser Application

Developed a user-friendly PyQt5 application for browsing and displaying images, enhancing accessibility and interaction for users.

Automate Image Tagging

Implemented an automation script using the Imagga API and Python to efficiently tag and categorize images, improving organization and retrieval processes.