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PROFESSIONAL SUMMARY

I am eager to start my career with your organization, leveraging my skills to drive innovation and deliver results. Committed to continuous learning and growth, I strive to excel in my role. I aim to make meaningful contributions to the organization's success.

EDUCATION

Bachelor of Technology in Artificial intelligence & data science
Secured: 7.62 CGPA

2025

Dhanalakshmi Srinivasan University - Samayapuram, Trichy.

PROFESSIONAL SKILLS

- **Languages:** Java • Python • JavaScript • SQL
- **Backend:** Node.js • Express.js • REST APIs
- **Frontend:** React • HTML5 • CSS3
- **AI / Machine Learning:** TensorFlow • Keras • Scikit-learn • Pandas • NumPy • Matplotlib • Streamlit
- **Databases:** PostgreSQL • MySQL
- **Developer Tools:** Git • GitHub • Linux • VS Code Jupyter Notebook • Google Colab • Anaconda • Power BI

PROJECTS

Vectr. (Agile Project Management Platform) | [Link](#)

Jun - July 2026

Built a developer-first Agile project management platform that unifies planning, execution, documentation, and system design in a single responsive workspace. Implemented Kanban workflows, sprint planning, backlog management, API documentation, and database architecture visualization to streamline development workflows and improve team collaboration.

Tech stack: React, TypeScript, Node.js, Express, Tailwind CSS, Lucide React, Recharts, ESbuild.

CodeSense AI – AI-Powered Code Review & Debugging Tool | [Link](#)

Mar - Apr 2026

Built a Gemini AI-powered code review assistant that detects code issues, suggests improvements, provides side-by-side code comparisons, security vulnerabilities, and performance issues, while providing intelligent refactoring suggestions.

Tech stack: React (TypeScript), Node.js, Express, PostgreSQL (Supabase), Gemini API, Tailwind CSS

AI Document Question-Answering System (RAG-based) | [Link](#)

Dec 2025 - Jan 2026

Built an AI backend application that enables users to upload documents and ask natural-language questions, generating context-aware answers using a Retrieval-Augmented Generation (RAG) pipeline with Ollama. Implemented document parsing, text chunking, embeddings, vector similarity search, and RESTful APIs for real-time document intelligence.

Tech stack: Python, FastAPI, LangChain, Ollama (LLMs), Sentence Transformers, FAISS, PyPDF

A Blog Web Application | [Link](#)

Nov 2025

A web application where users can create, view, edit, and delete blog posts. It uses in-memory data storage, handles API requests on the backend, and offers a responsive, user-friendly interface on the frontend on the browser.

Tech stack: React, Node, Express, PostgreSQL.

Note Keeper App | [Link](#)

Sept 2025

A web application that lets users create and manage notes stored in memory. It offers a simple, intuitive interface styled like Google Keep, providing a responsive and user-friendly experience on both desktop and mobile devices.

Tech stack: React, Node.js, Express, PostgreSQL.

Hybrid Time Series Forecasting Enhancing Stock Price Prediction | [Link](#) with Prophet-LSTM-ARIMA

May 2025

To forecast future stock prices using historical stock data from yfinance by combining Prophet, LSTM, and ARIMA models for improved accuracy.

Tech stack: Python, Prophet, Keras (LSTM), statsmodels (ARIMA), yfinance, Pandas, NumPy.

EXPERIENCE

UptoSkills - AI & ML Intern

Oct 2024 - Nov 2024

- **Assisted in developing an AI-based online exam proctoring system** to monitor candidate activity and detect suspicious behavior during assessments.
- **Implemented tab and window-switching detection using JavaScript** event listeners and backend logging with Node.js, integrating activity tracking with Python-based monitoring modules.
- **Deployed the system on Render (cloud platform)**, enabling real-time monitoring and improving exam integrity through automated malpractice detection.

1Stop.ai - AI Intern

Aug 2024 - Sept 2024

- **Built deep learning models including ANN and CNN** for computer vision tasks, focusing on handwritten character recognition and animation/character detection.
- **Designed and trained complex neural network architectures** using TensorFlow and Keras, performing data preprocessing, augmentation, and hyperparameter tuning to improve performance.

Knowledge Solutions India Pvt Ltd. - ML Intern

Nov 2022 - Jan 2023

- **Analyzed PlayStation application data and user reviews** to evaluate app performance and user sentiment using machine learning techniques.
 - **Performed data cleaning, text preprocessing, feature extraction (TF-IDF/Vectorization), and built ML models using Python, Pandas, and Scikit-learn** to classify user feedback and identify performance trends.
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LEADERSHIP

Acted as President of IETE Student Forum and organized a plethora of events over the 2 years under this forum at Dhanalakshmi Srinivasan University.

Acted as student co-ordinator and lead a team of 25 members for the Symposium named "Biocircuitronics-2024" at Dhanalakshmi Srinivasan University.

Acted as student co-ordinator and lead team of 5 members for the hackathon named "HACKD-22" at Dhanalakshmi Srinivasan University.

CERTIFICATIONS

Full-Stack Web Development

Udemy

Building AI Agents: Advanced Techniques for Developers

LinkedIn

Deep Learning

Internshala

Oracle Certified AI Foundations Associate

Oracle University

Advanced Typing (60 WPM)

Typing.com

SAP Certified Generative AI Developer

SAP Learning Hub