

# Ajay Varsan R

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Thanjavur, Tamil Nadu - 613004.

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## CAREER OBJECTIVE

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.

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## EDUCATION

**Bachelor of Technology in Artificial intelligence & data science** **2025**  
**SECURED: 7.62 CGPA**

Dhanalakshmi Srinivasan University - Samayapuram, Trichy.

**12th standard** **2021**  
**secured: 82%**

Christ The King Matriculation Higher Secondary School - Kumbakonam.

**10th standard** **2019**  
**secured: 81%**

St Anne's Matriculation Higher Secondary School - Kumbakonam.

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## PROFESSIONAL SKILLS

- **Programming Languages:** Python, Java, JavaScript, SQL, HTML, CSS.
- **Frameworks & Libraries:** React, Node, Express, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, Streamlit.
- **Tools & Platforms:** VS Code, Git, GitHub, Jupyter Notebook, Google Colab, Anaconda, Power BI, Canva.
- **Databases:** MySQL, PostgreSQL.
- **Operating Systems:** Windows, Linux (Ubuntu).
- **Soft Skills:** Active Listening, Team Co-odination, Adaptability, Time-management, Analytical Skill.

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## EXPERIENCE

**UptoSkills** **Oct 2024 - Nov 2024**

**AI & ML Intern**

Worked on AI/ML concepts with hands-on exposure to model building and deployment. Gained practical experience in Python, data preprocessing, and algorithm implementation.

**1Stop.ai** **Aug 2024 - Sept 2024**

**AI Intern**

Collaborated with a team to design AI-based solutions, improving prediction accuracy for real-world use cases.

**Knowledge Solutions India Pvt Ltd.** **Nov 2022 - Jan 2023**

**ML Intern**

Assisted in developing and training ML models for predictive analytics. Improved skills in feature engineering, evaluation metrics, and practical ML workflows.

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## PROJECTS

**A Blog Web Application**

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, OAuth.

### Hybrid Time Series Forecasting Enhancing Stock Price Prediction with Prophet-LSTM-ARIMA

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.

### Note Keeper App

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, OAuth.

### StockMarket Forecasting using Machine learning

To forecast future stock prices using historical stock data from the library yfinance with the Prophet model.

**Tech stack:** Python, Prophet, yfinance, Pandas, Scikit-learn.

### Image Classification using Artificial Neural Network and Convolution Neural Network

To classify the built-in keras dataset called fashion MNIST based on their characteristics using ANN. To classify the built-in Keras dataset called Fashion MNIST based on their characteristics using ANN and CNN.

**Tech stack:** Python, TensorFlow, Keras, NumPy, Matplotlib.

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## CERTIFICATIONS

### Full-Stack Web Development

Udemy

### Barclays LifeSkills Programme

GTT Foundation

### Building AI Agents: Advanced Techniques for Developers

LinkedIn

### Deep Learning

Internshala

### Machine Learning using Python

Mentorr Buddy

### Oracle Certified AI Foundations Associate

Oracle University

### Advanced Typing (60 WPM)

Typing.com

### Elements of AI

University of Helsinki

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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.