

SUVIKSHA S

AN ASPIRING ARTIFICIAL INTELLIGENCE
AND DATA SCIENCE ENGINEER

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CAREER OBJECTIVE

As a inquisitive learner immersed in the field of Artificial Intelligence and Data Science, I bring a strong academic foundation, hands-on project experience, and a passion for solving real-world problems. Seeking an opportunity to contribute meaningfully to technology-focused environments where innovation meets impact.

EXPERIENCE

WEBGEN

(August 2024)

Full stack developer

- Front-end technologies such as HTML, CSS, and JavaScript through academic coursework.
- Back-end development using Node.js, Express, and databases like MongoDB or MySQL.
- Building skills in full stack development by exploring modern tools, frameworks.

CODEBIND TECHNOLOGIES- COIMBATORE

(June 2025- July 2025)

Machine learning engineer

- Built chatbot using dialogflow console and learnt basic python programming.
- Performed data preprocessing, feature engineering, and model evaluation.
- Skin disease prediction project using KNN algorithm, found accuracy.

EDUCATION

SNS COLLEGE OF ENGINEERING

CGPA 8.7

Bachelor of Technology in Artificial Intelligence and Data Science

CERTIFICATIONS

- **Amazon Web Service**- Generative AI Foundation.
- **Databricks** - Data Analytics Fundamentals.
- **Oracle** - AI Foundation Certification.
- **Accenture** - User Experience Design with 79%.
- **Deloitte** - Data Analytics certification.
- **TATA(Forage)** - Gen AI Job Simulation.
- **Accenture(Forage)** - Software Engineering Job Simulation.
- **Microsoft** - Power BI Analytics.

SKILLS

- **Programming** - Python, c, SQL
- **AI/ML Tools** - Scikit-learn, Open CV, Tensor Flow, Power BI, Tableau, Excel.
- **Development Tools** - Streamlit, n8n workflow.
- **Design** - Figma, canva, UI/UX Prototyping
- **Soft Skills** - Communication, Leadership, problem solving, Collaboration.

PROJECTS

- **Advanced Computer Vision Pipeline (Mini Project)** - Designed an AI-based vision pipeline integrating Quad Tree, KD-Tree, Feature Matching, and Kalman Filter algorithms to enhance tracking accuracy.
- **Auto-Billing Shopping Mall Cart System** - Developed a barcode-based automatic billing system that scans products and updates totals in real-time.
- **Sentiment & Emotion Detection** - Built an NLP model that detects sentiment and emotional tones from text and social media comments.
- **Medical Diagnosis by Symptoms (n8n Workflow)** - Created an AI workflow that predicts possible diseases and provides basic medication suggestions
- **AI Meal Planner (Mini project)** - Developed a personalized diet recommendation system that suggests balanced meal plans based on calorie requirements.
- **Streamlit AI Projects:**
 1. **AI Resume Analyzer** - Analyzes resumes and provides skill-match insights using NLP
 2. **Face Emotion Detector** - Detects emotions in uploaded images using OpenCV.
 3. **Movie Recommendation System** - Suggests movies based on user preferences
 4. **Customer Churn Predictor** - Predicts customer churn probabilities using ML
 5. **Stock Price Forecast Dashboard** - Shows stock trends and visualizes data
 6. **Health Tracker App** - Tracks BMI, calories, and fitness metrics through an dashboard.