

Vidhya S

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PROFESSIONAL INSIGHTS

Machine Learning & Deep Learning explorer – passionate about turning data into decisions. Now blending intelligence with interface through Flutter & React.js. Love crafting apps where smart models meet smooth UX.
Code->Learn->Create->Repeat.

PROFESSIONAL EXPERIENCE

Artificial Intelligence & Machine Learning Intern


Duffl Digital — *T-Nagar, Chennai / On-site · Full-time*

 Jan 2025 – Feb 2025

- Built AI-powered job matching platform with **Next.js** and **React**
- Implemented secure, real-time **authentication & authorization** system
- Developed intuitive **employer dashboard** for job posting & application tracking
- Managed database with **Prisma** and **NeonDB** for optimized data flow
- Designed fully **responsive UI** using **Tailwind CSS**
- Deployed scalable web application on **Vercel** for seamless access
- Focused on **performance optimization** and **user experience (UX)**
- Collaborated on end-to-end **full-stack development** and integration

Machine Learning Intern

Virtual Tech Service — *Ambattur, Chennai / On-site · Full-time*

 June 2024 – July 2024

- Transformed messy data into smart predictions using **ML models** and **Python pipelines**.
- Tuned algorithms for performance using **TensorFlow**, **Scikit-learn**, and **data wrangling**.
- Delivered clean, deployable code with a focus on **real-time insights and accuracy**.
- Thrived in a hands-on tech environment, mastering the **workflow from data to decision**.
- **Keywords:** Machine Learning · Model Tuning · Data Engineering · Real-time Prediction · Python Stack.

PROJECTS

NexRise | AI-Powered Career Coaching Platform

[Github Link](#) April 2025 – May 2025

- Developed a full-stack AI career coach web app using Next.js, Prisma, and NeonDB that offers personalized
- career guidance and smart job recommendations based on user profiles.
- Implemented seamless authentication and a fully responsive UI with Tailwind CSS.
- Deployed on Vercel for scalable global access.
- **Key Skills:** Next.js · React · Tailwind CSS · Prisma ORM · Neon Database · AI Career Coaching
- •Authentication • Full-Stack Development • Vercel Deployment.

AI Finance | Intelligent Financial Management System

[Github Link](#) Jan 2025 – Feb 2025

- Engineered an AI-driven platform to streamline transaction tracking and deliver real-time spending insights. Integrated secure authentication (Clerk), scalable backend storage (Supabase), and performance enhancements (Arcjet), focusing on automation and predictive analytics.
- **Key Skills:** React.js · AI Analytics · Supabase · Clerk Authentication · Performance Optimization
- Financial Technology · Automation · Predictive Insights.

Chatbot Development

[Github Link](#) Nov 2024 – Dec 2024

- Developed an intelligent chatbot using Natural Language Processing (NLP) techniques.
- Implemented dialogue management and intent recognition to enhance conversational flow.
- Tools Used: Python, API's, Jupyter Notebook.

Neural Network Implementation

[Github Link](#) Mar 2024 – May 2024

- Designed and trained a Neural Network for various prediction tasks.
- Implemented regression and classification models to predict numerical values and categories.
- Tasks included: Stock price prediction, Weather forecasting , Sales prediction
- Tools Used: TensorFlow, Keras, NumPy, Matplotlib

PROFESSIONAL DEVELOPMENT

- **Certifications:** Machine Learning(NPTEL), Deep Learning(NPTEL), Python(function, beginner Opps), Java(Codechef), Mysql(Codechef).
- **Workshops:** Future Machine Learning(Sairam Engn. College), AI & CyberSecurity(Jopesh Engn. College)
- **Hackathons:** Pec Hackathon-2025, ICT_Tech Hackathon-2025, Smart India Hackathon-2023,2024
- **Positions:** President at AI Club , Former President at Tamil Literature Club

EDUCATION

SRI VENKATESWARAA COLLEGE OF TECHNOLOGY

Bachelor of Technology in Artificial Intelligence and Data Science

Chennai

Nov 2022 - May 2026

- CGPA : 8.58
- Relevant Coursework: Machine Intelligence, Neural Computation, Big Data Analytics

ST. ISABEL GIRL'S HIGHER SECONDARY SCHOOL

Mathematics Computer Science

Tanjore

June 2021 - May 2022

- Percentage : 85%

TECHNICAL SKILLS

- **Languages:** Java, Python, SQL, C++
Web Technologies: HTML, CSS, JavaScript
- **FrameWorks:** Flutter, Node.js, React.js, Tailwind CSS
- **Developer Tools & Cloud:** Git, GitHub, Visual Studio, Jupyter Notebook, Google Colab, Pycharm, Docker.
- **Databases:** MySQL, Neon(Postgresql), Supabase
- **Core Skills:** DBMS, Operating Systems (OS), Computer Networks (CN), Software Engineering (SE)
- **AI & Data Science:** Machine Learning, Deep Learning, Data Analytics, Natural Language Processing (NLP), Computer Vision, Generative AI

SOFT SKILLS

- Tutoring & Time Management
- Critical Thinking & Problem-Solving
- Teamwork & Collaboration
- Public Speaking