

Pradeep Selladurai

Full Stack Developer | Machine Learning Enthusiast | B.E. Cyber Security (2023–2027)

✉ pradeepnaveen930@gmail.com

☎ (+91) 7708468270

📍 Salem, India

🌐 pradeepselladurai

🐙 Cyberpradeep

WORK EXPERIENCE

Tamizhan Skills

Machine Learning and AI Intern

June-2025 - July-2025

- Built 3 ML models — Spam Detection, Loan Eligibility, and Digit Recognition — using Kaggle data.
- Trained with SVM, Random Forest, and Logistic Regression in Google Colab.
- Handled EDA, preprocessing, and deployment to Hugging Face with visual insights via Matplotlib.

Edunet Foundations

Machine Learning Intern – AI for Social Impact

June-2025 - July-2025

- Built a Garbage Classification Model using CNN with TensorFlow to classify waste images.
- Developed and trained the model on Google Colab using an image dataset from Kaggle.
- Applied image preprocessing and augmentation techniques to improve performance.
- Created a Flask-based web interface for real-time classification and presented results with a demo.

EDUCATION

Muthayammal Engineering College

Bachelor of Engineering(B.E) - Computer Science and Engineering (Cyber Security) - 8.56

2023 - 2027

PROJECTS

Canteen Preorder App – Smart College Food Booking

March-2025 - April-2025

- Developed a web portal for students to preorder snacks or lunch, reducing long canteen queues.
- Built role-based dashboards for students, professors, and canteen staff using React.js and Node.js.
- Enabled secure login and order tracking, with data stored in MongoDB and managed using RESTful APIs.
- Used JWT authentication, modular React components.

Loan Eligibility Predictor

June-2025 - July-2025

- Created a machine learning model to predict whether a loan applicant is eligible.
- Performed EDA, feature engineering, and used Logistic Regression and Random Forest.
- Evaluated with accuracy, precision, and ROC-AUC metrics; deployed using HuggingFace => [Link](#).

Spam Detection

June-2025 - June-2025

- Developed an NLP-based classifier to detect spam messages using SVM.
- Handled text cleaning, vectorization, and model evaluation on a Kaggle dataset.
- Deployed the live model on Hugging Face => [Link](#).

SKILLS

- **Languages:** Python, JavaScript, Java, C, SQL
- **Web Development:** React.js, Node.js, Express.js, MongoDB, REST API, JWT Auth
- **ML/AI:** TensorFlow, scikit-learn, Pandas, NumPy, Matplotlib, SVM, CNN, Random Forest
- **Tools:** Git, Postman, Google Colab, Jupyter Notebook, Hugging Face, Bootstrap

PROBLEM SOLVING

- 100+ LeetCode problems solved including medium and hard-level DSA challenges.
- **Practiced core areas:** recursion, trees, greedy, and dynamic programming.
- [LeetCode](#)

CERTIFICATE

Microsoft AI Fundamentals - AI900

- Gained fundamental knowledge of AI, including machine learning, computer vision, and natural language processing using Microsoft Azure.