

NITHEESH KUMAR R

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PROFESSIONAL SUMMARY

Passionate **B.E. CSE (AI & ML)** student focused on **Machine Learning, Data science, and Web Development**. Skilled at **debugging** websites, cleaning and transforming data, and building machine learning models. Looking for an **internship** opportunity to learn, build, and grow through hands-on development experience.

EDUCATION

Rajalakshmi Institute of Technology

B.E. Computer Science and Engineering (AI & ML), CGPA: 8.89

Chennai, India

September 2023 – Present

Velammal Matriculation and Higher Secondary School

Higher Secondary Education, cut-off: 196.5/200

Chennai, India

July 2022 – April 2023

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML, CSS

Developer Tools and Frameworks: GitHub, VS Code, Figma, React, Node.js

Libraries: Pandas, NumPy, Matplotlib, scikit-learn, TensorFlow, Flask

PROJECTS

PredictMyHome - House Price Prediction Website | *Flask, scikit-learn, Render*

October 2025

- Collected and cleaned **7,000+** housing records from Kaggle for analysis.
- Performed **data preprocessing** and **feature engineering**, including handling null values, error correction, binning, scaling, and normalization.
- Applied **encoding techniques** and trained a **Random Forest Regressor** model, achieving an R^2 score of 83%.
- Built a **Flask web app** with an interactive interface for model predictions.
- Pushed the project to a **Git** repository and deployed it on **Render**.
- Demonstrated **skills** in ML, data visualization, and web deployment.
- **Link:** predictmyhome.onrender.com

Portfolio Website | *HTML, CSS, JavaScript, Netlify*

October 2025

- Built using **HTML, CSS, and JavaScript** for a clean, fast, and responsive experience
- Deployed on **Netlify**, with **automatic deployment** triggered on every new **Git commit**.
- Version-controlled through **Git & GitHub** for seamless project management.
- Used **Formspree** with a custom form ID to **receive user messages**. Every submission sends details directly to my **email**.
- **Link:** rnitheeshkumar-portfolio.netlify.app

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations

Introduction to HTML - Great Learning & Infosys Springboard

Introduction to MongoDB - MongoDB Learn