

# NITHEESH KUMAR R

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[github.com/NitheeshKumarR](https://github.com/NitheeshKumarR)

## 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

<b>Rajalakshmi Institute of Technology</b> <i>B.E. Computer Science and Engineering (AI &amp; ML), CGPA: 8.89</i>	Chennai, India <i>September 2023 – Present</i>
<b>Velammal Matriculation and Higher Secondary School</b> <i>Higher Secondary Education, cut-off: 196.5/200</i>	Chennai, India <i>July 2022 – April 2023</i>

## 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

<b>PredictMyHome - House Price Prediction Website</b>   <i>Flask, scikit-learn, Render</i>	October 2025
<ul style="list-style-type: none"><li>Collected and cleaned 7,000+ housing records from Kaggle for analysis.</li><li>Performed <b>data preprocessing</b> and <b>feature engineering</b>, including handling null values, error correction, binning, scaling, and normalization.</li><li>Applied <b>encoding techniques</b> and trained a <b>Random Forest Regressor</b> model, achieving an R<sup>2</sup> score of 83%.</li><li>Built a <b>Flask web app</b> with an interactive interface for model predictions.</li><li>Pushed the project to a <b>Git</b> repository and deployed it on <b>Render</b>.</li><li>Demonstrated <b>skills</b> in ML, data visualization, and web deployment.</li><li><b>Link:</b> <a href="https://predictmyhome.onrender.com">predictmyhome.onrender.com</a></li></ul>	
<b>Portfolio Website</b>   <i>HTML, CSS, JavaScript, Netlify</i>	October 2025
<ul style="list-style-type: none"><li>Built using <b>HTML, CSS, and JavaScript</b> for a clean, fast, and responsive experience</li><li>Deployed on <b>Netlify</b>, with <b>automatic deployment</b> triggered on every new <b>Git commit</b>.</li><li>Version-controlled through <b>Git &amp; GitHub</b> for seamless project management.</li><li>Used <b>Formspree</b> with a custom form ID to <b>receive user messages</b>. Every submission sends details directly to my <b>email</b>.</li><li><b>Link:</b> <a href="https://rnitheeshkumar-portfolio.netlify.app">rnitheeshkumar-portfolio.netlify.app</a></li></ul>	

## CERTIFICATIONS

**AWS Academy Graduate** - AWS Academy Cloud Foundations

**Introduction to HTML** - Great Learning & Infosys Springboard

**Introduction to MongoDB** - MongoDB Learn