

# RAVIKUMAR VEERAMALLA

## AI & ML GRADUATE

**Objective** I'm a candidate with an AIML graduation seeking career opportunities to apply advanced Python, AI, and ML expertise in impactful tech initiatives.

<b>Education</b>	2020-2024	<b>Kallam Haranadhareddy Institute of Technology, Graduated in CSE- AI &amp; ML Department</b> Aggregated 83% Minored in Electronics & Communication
	2018-2020	<b>Sri Vardhani Jr. College, Intermediate – MPC</b> Aggregated 93%
	2017-2018	<b>V.S.R High School, SSC</b> Aggregated 92%

**Academics Project**

**Tomato Plant Disease Detection from Leaf Images**  
The project utilizes deep learning techniques for multi-class classification, encompassing ten distinct classes of diseases commonly found in tomato plants such as bacterial spots, early blight, and viral infections, etc.... By leveraging convolutional neural networks (CNNs) and transfer learning, the system can accurately identify and classify diseases, enabling precise disease diagnosis. This approach enhances agricultural sustainability by enabling early intervention and targeted treatment, ultimately improving crop yield and health management practices.

**Technology Stack:** DL, CNN, Transfer Learning, Python, Flask, Python Advanced Libraries, TensorFlow, HTML, CSS, JavaScript.

<b>Skills</b>	<b>Technologies</b>	Deep Learning, Machine Learning
	<b>Programming Languages</b>	C, Python
	<b>Libraries</b>	Pandas, NumPy, Matplotlib, TensorFlow
	<b>Web Development</b>	HTML, CSS, JavaScript, Flask
	<b>Cloud</b>	AWS Resources (Beginner)
	<b>Database</b>	MySQL
	<b>Others</b>	Communication Skills, People Negotiation Skills, and Time Management Skills

<b>Publications</b>	2024	<b>Journal publications</b> Medida Alekhya, Veeramalla Ravi Kumar, Upputuru Renuka Bhavani, Kondameedi Sudheer, and Mohammed Azharulla, "Detection of Tuberculosis using Deep Learning," International Journal of Engineering, Science and Advanced Technology (IJESAT), vol. 24, no. 4, April 2024, pp.1842-1848.
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## Professional Training and Internships

Dec 2023 – May 2024	<b>AI&amp;ML Developer, Remote</b> Organization: SmartInternz <ul style="list-style-type: none"><li>Skills: Deep Learning, Machine Learning</li></ul>
Dec 2023	<b>Crafting Soft Computing Solutions using DL Techniques</b> Organization: Sri Vency Technologies <ul style="list-style-type: none"><li>Project: Object and Poster detection</li><li>Project: Face Recognition System</li></ul>
July 2023 - Aug 2023	<b>Academic Training</b> Organization: Six Phrase <ul style="list-style-type: none"><li>Skills: C Programming, Aptitude and Reasoning</li></ul>
June 2023 – Aug 2023	<b>Cyber Security, Remote</b> Organization: APSCHE-IBM <ul style="list-style-type: none"><li>Project: Dos and Keylogger Attack</li><li>Skills: Simulation of NS2 and NAM Simulator</li></ul>
Aug 2022 – Oct 2022	<b>Salesforce Developer, Remote</b> Organization: SmartInternz <ul style="list-style-type: none"><li>Skills: Salesforce Platform Knowledge, Visualforce and Lightning Component Development, Apex Programming</li></ul>

## Other Projects

<b>Bear Classification using Deep Learning</b> <ul style="list-style-type: none"><li>Technology Stack: CNN, Flask, Tensor flow, Python, Python Advanced Libraries</li><li>Description: Using deep learning (CNN) to classify bears.</li></ul>
<b>Diabetes Prediction using Machine Learning</b> <ul style="list-style-type: none"><li>Technology Stack: ML Models, Flask, Python, Python Advanced Libraries</li><li>Description: Utilizing machine learning models to predict diabetes risk.</li></ul>
<b>Tuberculosis Detection Using Deep Learning</b> <ul style="list-style-type: none"><li>Technology Stack: Python, Python Advanced Libraries, Flask, DL</li><li>Description: Applying deep learning for tuberculosis detection.</li></ul>
<b>Fashion store web app (Dress-up)</b> <ul style="list-style-type: none"><li>Technology Stack: HTML, CSS, JavaScript</li><li>Description: Creating a dress-up web app using HTML, CSS, and JavaScript and deployed in Azure. It helps the customer to find good products at cheap rates and genuine products.</li></ul>
<b>My Portfolio</b> <ul style="list-style-type: none"><li>Technology Stack: HTML, CSS, JavaScript</li><li>Description: My portfolio is a compilation of my introduction, resume, contact details, work samples, projects, achievements, and experiences. It's designed to showcase my technical skills, expertise, and accomplishments across various fields</li></ul>

## Languages

<b>English</b>	Good Listener, Proficient Speaker, Advanced Reading and Writing
<b>Hindi</b>	Advanced Reading and Writing, Novice Speaker
<b>Telugu</b>	Native Language

## Activities

Arts and Crafts
Practicing with Open AI Platforms