

# Abhishek Prathipati

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## Professional Summary

AI/ML engineer with a strong foundation in Python, machine learning, and deep learning. Skilled in developing end-to-end solutions for real-time applications, including model training, evaluation, and deployment. Worked on impactful projects such as student performance prediction, face recognition, and a GitHub profile searcher, focusing on improving model accuracy, web performance, and system efficiency through innovation and scalability.

## Education

<b>B.Tech (AI &amp; ML)</b> , Aditya College of Engineering & Technology GPA: 8.29 / 10	2022–2026
<b>Intermediate (MPC)</b> , Sri Narayana Junior College, Guntur Score: 71.1%	2020–2022
<b>SSC</b> , Sri Geethanjali EM High School, Ongole Score: 95.8%	2019–2020

## Internships

<b>Technical Hub (Summer Internship)</b> <ul style="list-style-type: none"><li>Built a GitHub Profile &amp; Repo Viewer using HTML, CSS, JavaScript, and GitHub API.</li><li>Improved mobile responsiveness and reduced API latency by 40%.</li></ul>	May – July 2024
<b>APSSDC – IBM SkillsBuild (AI &amp; ML)</b> <ul style="list-style-type: none"><li>Trained ML models achieving 90% classification accuracy.</li><li>Applied deep learning on real-world datasets with 25% faster training time.</li></ul>	July – Sept 2023

## Projects

<b>GitHub Profile Searcher</b> Constructed an interactive web application with the GitHub API, featuring asynchronous data fetching, API throttling, and lazy loading techniques, which significantly decreased average page load time by 40% for users.
<b>Jarvis AI Voice Assistant</b> Developed a voice-controlled assistant using <b>Python</b> , integrating speech recognition and automation features to efficiently perform tasks, conduct web searches, and deliver accurate real-time responses with over <b>95% accuracy</b> .
<b>Face Recognition System</b> Engineered a face recognition system using <b>OpenCV</b> and a <b>CNN</b> , trained on 10,000+ images. Built a real-time GUI with webcam integration, achieving sub-100ms frame detection and <b>95% accuracy</b> in recognition tasks.

## Achievements

<b>AI for Society</b>	Secured 1 <sup>st</sup> place in a national PPT competition.
<b>HackerRank</b>	4-star ratings in Java and Python.
<b>GeeksforGeeks</b>	Solved 200+ DSA problems.
<b>LeetCode</b>	Completed 150+ coding challenges.
<b>Hackathons</b>	Attended events showcasing teamwork and fast prototyping.

## Technical Skills

<b>Languages</b>	Python, Java, C
<b>Web Development</b>	HTML, CSS, JavaScript, React, Bootstrap
<b>Tools &amp; Platforms</b>	Git, VS Code, Jupyter Notebook, Google Colab, Postman
<b>Databases</b>	SQL, MySQL

## Certifications

<b>AWS DevOps Engineer</b>	Infosys Springboard
<b>Spring Boot Course Certification</b>	Infosys Springboard
<b>Azure DevOps</b>	Infosys Springboard
<b>Deep Learning</b>	Scaler Academy
<b>Cloud Computing (Elite + Silver)</b>	NPTEL