

# Bathini Praneeth

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praneeth-bathini.github.io/MY-PORTFOLIO | linkedin.com/in/praneeth-bathini | github.com/Praneeth-Bathini

## Career Objective

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A Results-Oriented Computer Science Undergraduate with strong proficiency in Python, supported by experience in Java, C++, Machine Learning and Web Development. I bring a practical understanding of building scalable, real-time applications and a passion for solving complex problems through clean, efficient code. With a continuous learning mindset, I'm driven to contribute to innovative software projects and thrive in collaborative, high-growth environments.

## Education

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<b>Malla Reddy Engineering College</b> , B.Tech in CSE (AIML), CGPA: 9.15	2022 – 2026
<b>SR Junior College</b> , Intermediate (MPC), 93.5%	2020 – 2022
<b>Spectra Concept EM School</b> , SSC, 10 GPA	2019 – 2020

## Professional Experience

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<b>Advanced AI &amp; Deep Learning Intern</b> , Skilltimate Technologies, Hyderabad	May 2024
<ul style="list-style-type: none"><li>Developed a Helmet Detection system using CNNs, TensorFlow, and Keras for real-time image classification.</li><li>Gained experience in computer vision, Python, and deep learning through hands-on AI project development.</li></ul>	
<b>Junior Developer</b> , R <sup>2</sup> Educational Services, Hyderabad	May 2023
<ul style="list-style-type: none"><li>Built a web application to improve user experience and optimized backend code for better performance.</li><li>Enhanced backend functionality and integrated data workflows, ensuring smooth and reliable system operations.</li></ul>	

## Projects

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<b>An Effective Classification of DDoS Attacks using ML</b> 🔒	Apr 2025
Designed a machine learning-based system to detect and classify DDoS attacks using network traffic features, improving threat detection accuracy and enhancing cybersecurity measures against various attack types.	
<ul style="list-style-type: none"><li>Extracted and preprocessed network traffic data for feature engineering.</li><li>Trained and evaluated models including Random Forest and SVM for accurate classification.</li></ul>	
<b>Tools:</b> Python, Pandas, NumPy, Scikit-learn	
<b>Language Detection using ML &amp; NLP</b> 🔒	May 2025
Built an NLP-based machine learning system to detect text language using preprocessing, TF-IDF vectorization, classification models, achieving high accuracy across multiple languages and improving multilingual text processing capabilities.	
<ul style="list-style-type: none"><li>Applied tokenization, stopwords removal, and TF-IDF for feature extraction.</li><li>Trained models including Multinomial NB and Random Forest Classifier for performance optimization.</li></ul>	
<b>Tools:</b> Python, Pandas, NumPy, Scikit-learn, NLTK	

## Technical Skills

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**Languages:** Java, Python, C, C++  
**Web Development:** HTML, CSS, JavaScript, Django, Node.js  
**Databases:** MySQL, MongoDB, PostgreSQL  
**Core Concepts:** Data Structures and Algorithms, Data Analytics, OOP, CN, DBMS, OS, Computer Vision  
**Libraries:** Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow (basics), Transformers (beginner)  
**Technologies:** Machine Learning, Deep Learning (CNN), NLP (LLMs), OpenCV  
**Cloud Platforms:** AWS, Microsoft Azure, Google Cloud Platform  
**Tools:** Git, GitHub, Linux, Tableau, Power BI

## Certifications

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C & Python Programming Workshop – Skilltimate  
Introduction to Cybersecurity – Cisco Networking Academy (Jun 2023)  
Data Analytics Job Simulation – Deloitte Australia (Mar 2025)  
Azure AI Fundamentals – Microsoft (May 2025)  
Career Essentials in Generative AI – Microsoft & LinkedIn (Mar 2025)