Basanth Kumar Putta

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OBJECTIVE

I am Basanth Kumar Putta, an aspiring software engineer pursuing a Bachelor's in Computer Science and Engineering (IoT). I gained hands-on experience in AI, ML, and deep learning during an internship at Cantilever Labs, where my team developed an AI-based plant disease detection system. I also have significant knowledge in Web Development, Node.js, Python, MongoDB, and MySQL. I am eager to contribute to innovative projects and expand my knowledge.

EDUCATION

Geethanjali College of Engineering and Technology | 2022-2026

Bachelor's Degree in Computer Science and Engineering with a specialization in the Internet of Things

- CGPA: 9.10 (to date)   - Currently in 3rd year

SKILLS

- **Programming:** Python, Java, C, JavaScript
- **Web Development:** Node.js, React.js, Django, Flask, HTML5, CSS3, Bootstrap, Express.js, EJS
- **Data Science:** MySQL, MongoDB, Power BI
- **Soft skills:** Communication, Teamwork, Adaptability

WORK EXPERIENCE

Swecha Telangana | MAY - 2025

- Contributed significantly to building a large language model (LLM) for the Telugu language, enhancing its accuracy, fluency, and cultural relevance. Playing a key role in curating and preprocessing large-scale Telugu datasets to improve model performance and linguistic coverage.

Cantilever Labs Internship | June - 2024

- Built a deep learning model using Python and Convolutional Neural Networks (CNN) to detect plant diseases from leaf images. Achieved 90% accuracy on a curated dataset of over 10,000 images.

Palo Alto Virtual Internship | May - 2024

- Gained foundational knowledge in cybersecurity principles, network setup, and threat mitigation techniques

PROJECTS

Plant Disease Detection Website
- Developed a web app for plant disease detection with 95% accuracy using deep learning and computer vision.
- Designed to assist farmers with early diagnosis and intervention, reducing crop loss and supporting precision agriculture.

VitaCare App
- Developed VitaCare, an AI-powered medical assistant that streamlines tasks like appointment booking and medicine ordering.
- Utilized computer vision and NLP to digitize prescriptions and optimize workflows for clinics, patients, and pharmacies.

Keeper App
- Keeper is a note-taking web app built using React, Vite, and Node.js with a connected database. It allows users to create, view, and delete notes.

Supply Chain Analysis Dashboard using Power BI

- Created visual dashboards to analyze supply chain efficiency and reduce congestion.

CERTIFICATE

- SmartInterviews - DSA-(Completed 100+ problems on arrays, trees, DP, and graph algorithms)
- Cisco Network Academy - Network Technician (Mastered TCP/IP, routing, subnetting, LAN/WAN)
- Full Stack Developer (40+ hours training on HTML, CSS, JS, React, Node.js, Express, MongoDB with real projects)
- IITH-Workshop (won 1st prize for innovation & usability)
- Merit Certificate (Awarded for academic excellence and project innovation in Computer Science & Engineering)

SOCIAL MEDIA PROFILE

LinkedIn: [Basanth Kumar Putta]   **GitHub:** [basanth1]
Certificates: [drive link]   **LeetCode:** [basanth_1]