Akash G Gaonkar

Student

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Overview

A highly motivated and detail-oriented Computer Science student seeking to leverage programming, scripting, and analytical skills as a Solution Engineer Intern at CRED. Eager to contribute to a dynamic team and help enhance platform capabilities through proactive problem-solving and automation.

Education

PES University

Bachelor of Technology in Computer Science and Engineering

Expected Graduation: 2026

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Software Engineering

Technical Skills:

- Programming Languages: Python, C

- Scripting: Bash, Shell

- Databases: SQL

- Tools and Utilities: Unix/Linux

Projects:

Plant Disease Detector

Developed and implemented a convolutional neural network (**CNN**) model to detect plant diseases from images. Utilized **TensorFlow** and **Keras** for model building and training, incorporating data augmentation techniques to enhance model robustness. Achieved sixty-percent accuracy in disease classification, demonstrating strong skills in machine learning, **data processing**, and model evaluation.

Process Tree Monitor

Developed a kernel-level module, in **Linux** OS, that creates and manages multiple processes and threads. The module outputs the executable name, state, and process ID of each thread in a hierarchical tree structure, providing a clear visualization of process relationships and system states.

Extracurricular   Activities:

- Member of IEEE Robotic Automation Society, PESU

- Beatboxing

Languages:

- English

- Kannada

Interests:

- Technology
- Automation
- Problem-Solving
- Data Analysis