

# DAYANAND M K

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## OBJECTIVE

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Motivated Python developer and Third-year computer science student with experience in machine learning and deep learning. Skilled in Python, C, Java. Completed internship tasks and showcased work on LinkedIn and GitHub, with a passion for AI and technology innovation.

## EDUCATION

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**Bachelor of Engineering**, Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College,  
Vel Nagar Avadi Expected 2027  
Relevant Coursework: AI and ML.

**Higher Secondary**, Kamlavati Senior Secondary School, Sahupuram 2021 - 2023

## SKILLS

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<b>Technical Skills</b>	Python, C, Java, MySQL, Artificial Intelligence, Machine Learning.
<b>Soft Skills</b>	Team work, Leadership, Communication, Editing , Content creation, PowerBI Problem solving.

## EXPERIENCE

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<b>Intern (Online)</b> Main Flow Services and Technologies	Jul 2024 - Sep 2024 Noida, UP
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- Completed weekly Python tasks, gaining experience in machine learning and deep learning.
- Developed Python scripts, improving task efficiency and showcasing work on LinkedIn and GitHub.
- Applied Python, Pandas, and NumPy to solve real-world challenges and enhance skills.

<b>Intern (Online)</b> Edunet Foundation	Feb 2025 - Apr 2025 Bengaluru, Karnataka
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- Built a Plant Disease Detection System using Python, Streamlit, and a CNN model.
- Gained hands-on experience with data preprocessing, model training, and deploying ML solutions.
- Shared project progress and outcomes on GitHub, improving visibility.

<b>Intern (Offline)</b> TVM Signalling and Transportation Systems Private Limited (TSTS)	Jun 2025 – Jul 2025 Chennai, Tamil Nadu
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- Assisted in the development and testing of internal software tools related to signalling systems.
- Gained practical exposure to computer vision, automation, and real-time system interfaces.
- Contributed to UI enhancements and workflow optimization under the guidance of senior engineers.

## PROJECTS

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**SentimentX** Built a multimodal emotion recognition tool using PyTorch, TensorFlow, and the CK+ dataset to detect emotions, age, and gender from video, audio, and text.

**Plant Disease Detection** Implemented a CNN-based Streamlit app to identify crop diseases, as part of Edunet Foundation's AICTE Internship Cycle 4.

## EXTRA-CURRICULAR ACTIVITIES

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### Wells Fargo Software Engineering Simulation – Forage

Dec 2024

Analyzed requirements for a financial portfolio system, designed an ERD, implemented it using IntelliJ, and published the project on GitHub.

### Tata Cybersecurity Analyst Simulation – Forage

Feb 2025

Completed a simulation focused on IAM and cybersecurity best practices, created technical documentation, and aligned strategies with business objectives.

## LEADERSHIP

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- **Project Lead:** Real-Time Disaster Management System Led a team of six to develop software and dashboard integrating real-time data from social media for disaster analysis. Designed architecture, coordinated implementation, and facilitated mobile and PC applications for aid requests and optimized volunteer routing.
- **Lead Developer:** Multimodal Sentiment Analysis Project Developed a deep learning model combining video, audio, and text inputs for emotion detection. Trained CNNs with CK+ and Pre-trained datasets for emotion, age, and gender prediction, achieving real-time accuracy.