

DAYANAND M K

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OBJECTIVE

Motivated Python developer and second-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

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

EXPERIENCE

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| Intern | Jul 2024 - Sep 2024 |
| Main Flow Services and Technologies | Noida, UP |

- 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.

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|-------------------|----------------------|
| Intern | Feb 2025 - Apr 2025 |
| Edunet Foundation | Bengaluru, Karnataka |

- 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.

PROJECTS

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. | |

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| 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

- **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.