

Kamal Singh Dhami

Email: dhami8990@gmail.com | Phone: +91-8791662990

Website: kamalsdhami.me | LinkedIn: kamal-singh-dhami | GitHub: KamalSDhami

Education

Graphic Era Hill University , Dehradun, India Bachelor of Technology (B.Tech) in Computer Science (Artificial Intelligence and Machine Learning)	2023 – 2027
Gurukul Academy Jhankat , India Intermediate	2022 – 2023
Gurukul Academy Jhankat , India High School	2020 – 2021

Experience

WordPress Intern Code Buzz Web	Mar 2025 – Aug 2025
<ul style="list-style-type: none">Built 6+ responsive websites for clients, ensuring cross-device compatibility.Collaborated on user interface (UI) and user experience (UX) optimization, boosting client satisfaction by 15%.	
Web Intern Doon Digital	Sep 2024 – Mar 2025
<ul style="list-style-type: none">Developed websites for national and international clients with fast load times.Applied search engine optimization (SEO) strategies, improving organic traffic by 20%.	

Skills

Programming Languages: C, C++, Python, Java, JavaScript

Libraries/Frameworks: TensorFlow, Keras, scikit-learn, Matplotlib, Natural Language Toolkit, React

Databases: MySQL, PostgreSQL, MongoDB, Supabase

Tools & Platforms: Git, Docker, Kaggle, Hugging Face

Soft skill : Collaboration & Teamwork, Strategic Planning, Leadership In Group Projects, Creative Problem Analysis, Effective Communication

Projects

Tomato Leaf Disease Detection <i>TensorFlow, Keras, Matplotlib, Seaborn</i>	Aug 2024 – Jan 2025
<ul style="list-style-type: none">Built a Convolutional Neural Network (CNN) using VGG16 to classify 11 tomato leaf categories on a dataset of 29K+ images, achieving 96.6% accuracy.Outperformed DenseNet-121, InceptionV3, Xception, and MobileNetV2 through advanced data augmentation and hyperparameter optimization.	
Smart Water Management System <i>PySide6, NetworkX, Matplotlib</i>	Mar 2025 – Jul 2025
<ul style="list-style-type: none">Engineered an optimization and simulation tool for water distribution, reducing connection costs by 20% with Prim's algorithm.Enhanced anomaly detection speed by 35% by implementing a Breadth-First Search (BFS)-based water flow simulation, enabling faster identification of leaks, pressure drops, and irregularities in the distribution network.	
SmartDine Restaurant Management System <i>JavaFX, MySQL</i>	Mar 2025 – Jul 2025
<ul style="list-style-type: none">Developed a full-stack restaurant management system with real-time inventory tracking, improving efficiency by 30%.Strengthened skills in Object-Oriented Programming (OOP), multithreading, relational databases, and user interface (UI)/user experience (UX) design.	

Certifications

- Google Cloud Arcade Program (Google)	12 weeks
- Large Language Models (NPTEL)	12 weeks
- Machine Learning (NPTEL)	12 weeks