Akshit Dhiman

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CAREER OBJECTIVE

Motivated Computer Science Engineering student seeking an internship opportunity to leverage strong programming fundamentals and problem-solving skills. Committed to contributing to companies projects and success, while gaining hands-on industry experience and further developing technical expertise.

WORK EXPERIENCE

AI/ML Developer • Internship Jun 2025 - Jul 2025
Pisoft, Mohali

Worked on data preparation, feature engineering, and predictive modeling using Scikit-learn.

AI/ML • Internship Apr 2025 - May 2025
Aicte, Virtual

Complete 4-week virtual intership on Artificial intelligence and Data Analytics focused on Green Skills, organized by AICTE.

Web Developer • Internship Jun 2024 - Jul 2024
CS INFOTECH (CHANDIGARH), Chandigarh

Developed responsive full-stack MERN websites and integrated RESTful APIs.

Advances And Innovations In Image Processing • Internship Mar 2024
Chitkara University, Virtual

Applied image filtering, segmentation, and enhancement techniques using MATLAB and OpenCV.

EDUCATION

B.Tech, Computer Science & Engineering 2022 - 2026
Himachal Pradesh Technical University

Senior Secondary (XII), HP Board Of School Education 2022
Science

Govt.Model.Sen.Sec.School Dhundla

Percentage: 77.00%

Secondary (X), HP Board Of School Education 2020
Govt.Model.Sen.Sec.School Dhundla

Percentage: 72.00%

PORTFOLIO

GitHub link ↗

PROJECTS

crop-Prdiction ↗
Oct 2025 - Nov 2025

Agro-Insight is a comprehensive agricultural platform designed to empower farmers by integrating advanced analytics with web technology. Built using a robust React.js frontend and Node.js backend, the application features a Machine Learning model that analyzes environmental data to accurately predict crop yields, allowing for better planning and resource allocation. Beyond yield forecasting, the platform serves as a financial decision-support tool by providing a profit-and-loss calculator and a centralized directory of government schemes, ultimately helping farmers maximize profitability and make informed decisions about subsidies and market viability.

BookMyTable (React Native Mobile App)
Aug 2025

Developed a cross-platform app for restaurant table reservations with real-time booking and seat selection.

voice assistance ↗
Jun 2025 - Jul 2025

This project is a desktop-based virtual assistant developed using Python. It is designed to automate daily tasks and improve productivity by allowing users to interact with their computer using natural voice commands. The assistant bridges the gap between the user and the operating system, performing actions such as web browsing, launching applications, and retrieving information without the need for keyboard or mouse input.

Multi-category ↗
Jan 2024 - Present

Developed a responsive e-commerce web application featuring distinct product categories for Men's, Women's, and Kid's apparel. Implemented a fully functional Shopping Cart system allowing users to add, remove, and update item quantities dynamically. Designed a structured database schema to manage product inventories, user details, and categorization logic. Built an intuitive Order Management System simulating the checkout process, enabling users to place and review orders seamlessly.

waste cycle ↗
Jul 2025 - Aug 2025

The project "Waste Cycle" focused on understanding and demonstrating the complete process of waste management — from generation and collection to segregation, recycling, and final disposal. It highlighted the importance of the 3Rs (Reduce, Reuse, Recycle) in minimizing environmental pollution and promoting sustainability. Through models and practical examples, the project showcased how proper waste handling and recycling practices can convert waste materials into valuable resources, contributing to a cleaner and greener environment

Forest Fire Detection System (AI/ML Project)
Jul 2025 - Aug 2025

Designed and trained a CNN using TensorFlow & Keras for automated wildfire detection.

Forest Fire Detection
Apr 2025 - May 2025

This is the project for classification of fire and not fire in the forest by the help of classification model in machine learning.

SKILLS

- C++ Programming
- Cricket
- React Native
- Express.js
- CSS
- Firebase
- NumPy
- Keras
- GitHub
- Scilab
- Artificial intelligence
- MERN
- React
- Python
- Tailwind CSS
- scikit-learn
- Matplotlib
- OpenCV
- VS Code
- MATLAB
- Canva
- JavaScript
- Node.js
- HTML
- MongoDB
- Pandas
- TensorFlow
- Git
- Google Colab

EXTRA CURRICULAR ACTIVITIES

- District-Level Cricket Player | Leadership & Teamwork | Playing outdoor games
- Participate in inter collage Hackathon and Project bazaar event.
- Led the school cricket team at the district level.
  Won an inter-college competition representing my college.

ADDITIONAL DETAILS

- AI/ML Internship - Pisoft, Mohali
- Web Development Internship - CS-Infotech, Chandigarh
- AI & Data Analytics Virtual Internship - AICTE