Rohit Khandelwal

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Summary

B.Tech Computer Science student proficient in Data Structures & Algorithms, C++, JavaScript, and React with hands-on experience developing full-stack applications and AI/ML models. Competed in 15+ hackathons, demonstrating teamwork, creativity, and technical expertise. Seeking a software engineering internship to contribute to impactful projects and drive technical solutions.

Skills

Programming C++, Python, Javascript, PHP
Web: HTML, CSS, React.js, Node.js, Express.js
Tools: Git, GitHub, Jupyter Notebook, VS Code
CS Fundamentals: Data Structures & Algorithms, OOPS, Operating Systems, Computer Networks
Soft Skills: Leadership, Communication, Team Collaboration, Adaptability,

Projects

Smart-Cart AI | *React.js, Node.js, Express.js, Tailwind* ↗   **Aug 2025 – Present**
  – Developed a shopping assistant enabling users to build carts through natural language prompts with automatic product fetching and mapping.
  – Engineered system to support groceries, medicines, and general products with seamless integration.
  – Implemented real-time cart updates (add/remove/adjust quantities) with an optimized instant checkout experience.
  – Reduced manual cart-building and checkout time by up to 70% through one-click rapid checkout flow.

Virtual Pet Care System | *JavaScript, PHP, MySQL, Node.js, HTML, CSS* ↗   **April 2025 – May 2025**
  – Created a virtual pet care system to help users manage their pets' daily needs through personalized reminders.
  – Designed features including pet registration with multi-profile support, daily care reminders for feeding, exercise, and medical checkups, and integration with nearby veterinary services.
  – A responsive and user-friendly web application with efficient database management for storing and retrieving pet profiles.

DermaSense | *Python, Model Training, Flask, JavaScript* ↗   **February 2025 – March 2025**
  – Innovated a deep learning–based tool to detect skin diseases from images, empowering users with early diagnosis
  – Implemented image-based disease prediction using a deep learning model trained on Kaggle's HAM10000 dataset.
  – Smooth and user-friendly web interface for easy image upload and instant results visualization.

Achievements & Certifications

- **Mern Stack with Gen Ai – W3grads (2025):** Gained hands-on experience with MongoDB, Express.js, React, and Node.js for full-stack web development.

- **OCI AI Foundations - Oracle(2025):** Learned fundamental concepts of AI, ML, Deep Learning, and Generative AI with practical exposure on Oracle Cloud Infrastructure

- Actively participated in 15+ hackathons, **winning 3** with innovative and impactful project solutions

- Solved **350+ DSA problems** across platforms - Codolio

Education

B.Tech. Computer Science and Engineering   **August 2023 - August 2027**
Lovely Professional University, Phagwara   *CGPA: 7.8 / 10*

Class XII (Senior Secondary), RBSE   **May 2021 - April 2022**
Sony Academy, Bharatpur   *Percentage: 89%*