Krish Joshi

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Codeforces: krish_vj (1350)

EDUCATION

VIT Bhopal University — Madhya Pradesh, India
B.Tech in Computer Science and Engineering; CGPA: 8.58/10 — *Expected May 2027*

Previous Education: XII (SSC) 83% (2023), X (SSC) 84% (2021)

SKILLS SUMMARY

- **Languages:** C++, Python, Kotlin, SQL (PostgreSQL), HTML, CSS, JavaScript
- **Technologies:** MERN Stack (MongoDB, Express.js, React, Node.js), Flask, Tailwind CSS, Prisma ORM
- **Skills:** Strong fundamental knowledge of core subjects, Excellent problem-solving skills, Competitive Programming

PROJECTS

- **Virtual Classroom Management System**:
  - Built a full-stack platform with OCR (Microsoft Vision) for document analysis and an LLM for real-time feedback using Python, Flask, React, and Tailwind CSS.
  - Developed functionality to process handwritten PDF inputs through OCR technology for automated document analysis.
  - Implemented intelligent content evaluation system that analyzes PDF relevance to specified questions and provides comprehensive feedback.
  - Integrated Google Document API and computer vision technologies to enhance document processing capabilities.
  - Engineered plagiarism detection system that compares solutions against multiple submissions to generate similarity percentage reports.
  - Gained expertise in computer vision technologies and plagiarism detection algorithms through hands-on development.
  - Successfully deployed a comprehensive educational platform that streamlines grading and feedback processes for educators.

- **E-commerce Website (myprintpoint.shop)**:
  - Deployed a full-featured e-commerce website with complete functionality for online retail operations.
  - Implemented comprehensive product catalog, shopping cart, and secure checkout processes.
  - Designed responsive user interface ensuring seamless experience across multiple devices and platforms.
  - Integrated secure payment processing and order management systems for reliable transaction handling.

- **Android Attendance App (In Progress)**:
  - Developing Android application using Kotlin with integrated face recognition capabilities for automated attendance tracking.
  - Implementing OpenFace open-source deep neural network model for accurate facial identification from images.
  - Integrating PostgreSQL database system for reliable storage and management of attendance records.
  - Building robust face detection and recognition pipeline to automatically mark attendance based on facial recognition results.

ACHIEVEMENTS

- **Codeforces:** Rating 1350 (Specialist) — codeforces.com/profile/krish_vj
- **LeetCode:** Solved 150+ problems — leetcode.com/u/krish_vj/
- Consistently placed in the **top 5%** in university-level coding contests and hackathons, demonstrating excellent problem-solving skills.
- **Competitive Chess Player:** chess.com Rapid Rating of 2100, showcasing strategic thinking and analytical abilities.