Krish Bhagat

FastAPI/ML Developer | Founder, KodRish Innovation & Solution LLP

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Professional Summary

AI Developer and Entrepreneur specializing in Computer Vision, NLP, and Web Development. Founder of KodRish Innovation & Solution LLP, with expertise in Python, FastAPI, YOLOv12s, Object Detection, and AI-driven applications like sign language translation & voice synthesis.

Skills

- AI/ML: YOLOv12s, TensorFlow, PyTorch, OpenCV, Transformers
- Web Development: FastAPI, React.js, Next.js, Node.js, MongoDB
- Deep Learning: CNNs, Object Detection & Counting, NLP, Generative AI
- Graphic Design: Photoshop, Figma, UI/UX

Project

Vaani Sahayak 2.0 - Indian Sign Language Translator

- Real-time sign language recognition using YOLOv12s & Transformers
- Backend in FastAPI, frontend in React.js

AI Voice Synthesis & Music Generation

- Built AI models using Tacotron 2, WaveNet, MelGAN for realistic voice synthesis

InternSahayak - Internship Management System

- AI-powered platform for internship matching using FastAPI, React.js, MongoDB

Mental Health Tracker (By QLearning)

- Developed an AI-driven mental health tracking platform using Q-Learning.
- Built using React.js, FastAPI, MongoDB

AI-Powered Nebula Image Generator

- Text-to-image generation using Stable Diffusion & GANs

Object Detection & Counting System

- Developed a real-time object detection & counting system using YOLOv12s
- Backend built with FastAPI & OpenCV

Experience

- **Founder & AI Developer, KodRish Innovation & Solution LLP** – Leading AI-driven projects, managing clients, and providing web & graphic design services.
- **SIH Internal Hackathon Completed** – Successfully developed a project for Smart India Hackathon (SIH) internal round.
- **Hack Sangam Winner** – Built an innovative AI application in a hackathon.

•**Google Solution Challenge (Currently Participating)** – Working on an impactful AI-driven project.
•**Algo Hours Winner** – Solved complex algorithmic problems in coding contests.
•**Kod-E-Thon Organizer** – Hosted a coding competition on **Unstop** with AI & web challenges.
•**Organizer - Kod-E-Quiz 2.0** *(Led the organization of a tech quiz competition to promote AI & coding awareness on Unstop)*

Education

B.Tech in Computer Science & Engineering (Data Science) IPS ACADEMY , Indore (7.4/10)
Senior Secondary (CBSE) – Kendriya Vidyalaya Sangathan , Dhar (72%)
Secondary (MPBSE) - Shri Bajpai Convent High secondary School, Dhar (84.3%)

Certifications

•Founder & CEO - KodRish Innovation & Solution LLP
•AWS Academy Graduate - AWS Academy
•SQL Bootcamp Course
•Data Science with Python Bootcamp
•Postman API Fundamentals Student

•Certificate of Achievement - Hack Sangam
•Certificate of Excellence - IEEE Mega Project 7.0
• Certificate of Excellence - Weekly Coding
•Certificate of Excellence - ACPC AlgoHour

Achievements

Developed India's First Hindi Sign Language Translator - Vaani Sahayak

Won Multiple Hackathons (*Hack Sangam, AlgoHours, and more*)

Featured on AI/Tech Forums for Open-Source Contributions

Founded & Leading KodRish Innovation & Solution LLP

Built AI-Driven Music & Voice Synthesis Project

100-Day Coding Challenge - Code Express *(Currently on Day 84, Ranked #5)*

Developed a Real-Time Admin Dashboard for Project Manage

Soft Skills

• Leadership & Team Management
• Problem-Solving & Critical Thinking
• Effective Communication
• Project & Time Management
• Adaptability & Quick Learning
• Creativity & Innovation
• Decision-Making Under Pressure

Interests & Hobbies

• AI & Machine Learning Research
• Competitive Coding & Hackathons
• Blogging & Writing Tech Articles
• Graphic Designing & UI/UX
• Open-Source Contributions
• Public Speaking & Mentoring
• Portrait Drawing using Turtle in Python