

# Kahar Kartik Ranbirkumar

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## Profile

Computer Engineering student specializing in AI and ML with hands-on experience in Python, Java, and cloud deployment. Eager to apply technical and teamwork skills as a Technology Program Intern at Wells Fargo.

## Education

**B.Tech Computer Engineering with AI/ML**, Silver Oak College of Engineering and Technology    08/2022 – 08/2026

## Professional Experience

**AI/ML Intern**, Sahana System Ltd    12/2024 – 01/2025

- Improved object detection accuracy by implementing transfer learning using pre-trained models, resulting in a 25% boost in model performance on custom datasets.

**Cloud Intern**, Sahana System Ltd    06/2024 – 07/2024

- Deployed and managed scalable web applications on AWS EC2, S3, Lambda, and RDS, reducing setup time by 30% and ensuring high availability and compliance for serverless operations.

**Intern**, Edunet Foundation    02/2024 – 03/2024    Remote

- Analyzed a dataset of 30,000+ credit card holders by implementing machine learning models using Python and Pandas, achieving a 20% increase in prediction accuracy.

## Projects

### Furnirent - Furniture Renting Website

- Built the complete frontend using React for a furniture rental platform with secure booking and payment flows, deployed on AWS EC2.

### AI Agent for Forex Trading

- Developed an AI-driven forex trading agent to automate real-time sentiment and trend analysis of financial news, resulting in accurate buy/sell orders in MetaTrader 5 with improved prediction reliability.

### Amazon Clone

- Created a responsive React frontend replica of Amazon with product listings and user login.

## Skills

### AI and Machine Learning

Deep Learning, NLP, Computer Vision, YOLOv5, PyTorch/TensorFlow, Pandas

### Cloud & Devops

AWS EC2, S3, Lambda

### Programming Languages

Python, Java

### Web development

Frontend ( React.js )

## Organisations

**IEEE SOU**, Core Committee Chair    04/2024 – 01/2025

- Managed and coordinated 10+ large-scale tech events.

**Kalpvrksh, SOU**, Volunteer    02/2024 – 03/2024

- Assisted in organizing events for 800+ students.

## Achievements & Additional Information

### Achievements

Finalists in Odoo Hackathon and Level Supermind Hackathon

### Languages

English, Hindi, Gujarati