

AKASH ASHOK RAMANNI

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EDUCATION

JD College of Engineering and Management, Nagpur

Bachelor of Technology

Major in Information Technology

Cumulative GPA: 8.90

7th Semester/Final year student

Sandipani School,Dhaba,Nagpur

12th,CBSE

Percentage: 67.2%

Carmel Academy,Waddhamna,Nagpur

10th,CBSE

Percentage: 83%

CERTIFICATIONS & ACHIEVEMENTS

Currently doing Internship @ DRDO- JODHPUR 6 Months

SUMMER INTERN AT VNIT NAGPUR 2025 in ML/DL SKILLS

The Joy of Computing with Python: NPTEL, IIT MADRAS

Data Base Management System: NPTEL, IIT KHARAGPUR

1st position in Enigma (8-hour Hackathon) at Yeshwantrao Chavan College of Engineering, Nagpur.

SKILLS

Technical skills: Python (Computer vision and Machine Learning) , Javascript

Web Development: React.js, React Query, chakra UI, Node.js, Express, MongoDB, HTML, CSS,Next.js

Cloud: Azure cloud technologies, Amazon Web Services (AWS), CI/CD, Docker.

Databases: Google Firebase,MongoDB Atlas, MySQL

Development tools: Visual Studio Code, Git, Anaconda, Google Colab, Jupyter Lab

Soft Skills: Communication, Leadership, Adaptability

Project

AI-Powered Stock Market Web App (Next.js, TypeScript, MongoDB)

Built a real-time stock market platform with interactive charts, watchlists, alerts, and company insights. Implemented authentication (Better Auth), automated email alerts (Nodemailer), and event-driven workflows using Inngest for AI-generated summaries and daily digests. Integrated Finnhub API for real-time market data and built an admin dashboard for managing news, stocks, and user activity.

Object and Contour Detection System Application | Machine Learning

Built an image-processing pipeline to detect objects and extract their outer contours using Otsu/adaptive thresholding, Canny edges, and contour hierarchy analysis. Automated the export of X–Y boundary coordinates to CSV and generated line-profile plots for shape analysis. Designed for aircraft top-view images and generalized object outline detection.

