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Top Skills

Intelligent Agents
Algorithms
LLMs

Honors-Awards

SIH 2022 WINNER | Team Lead
Manthan Cyber Security National
Hackathon Winner | Team Lead
3rd Price Hack O Pitch | IIT Madras
IIIT Manthan Hackathon Finalist |
Team Lead
Alegria Hackathon Winner 2022 |
Team Lead

Om Surve

VP of AI @FusionCyber | AI Engineer & Backend Dev | Consulting |
SIH Lead & Winner 2022 | Worked @IITB @TERICSOF
T Mumbai Metropolitan Region

Summary

VP of AI at Fusion Cyber, working with VetCOMM (now F3), Cisco,
FIU, USC, Kentucky, Denmark & Lincoln university building AI LMS.
Scaled to 3M+ in revenue in 2025.

Working on Health AI products in India as side hustle ;)

Experience

Fusion Cyber

2 years 6 months

Vice President of Artificial Intelligence

April 2025 - Present (7 months)

Washington, United States

Licensed Beacon AI LMS & AI Agents — \$1M strategic deal driving scalable AI adoption.

Built next-gen Cyber Range (AI-powered “Better RangeForce”) — saved \$500K in development while launching Rangsphera, an adaptive cyber simulation platform.

Deployed internal “Alice” AI calling agents — optimized admissions workflow, boosting lead generation by 30% and operational efficiency across admission teams.

Head of AI Development

April 2024 - May 2025 (1 year 2 months)

Washington, District of Columbia, United States

Leading & Building Fusion Cyber AI Development Team

Building Beacon AI - beaconai.fusioncyber.co & GPOD - gpod-ai.fusioncyber.co

Build - fusioncyber.co

AI Engineer

May 2023 - March 2024 (11 months)

Washington, United States

Building Beacon AI - beaconai.fusioncyber.co & GPOD - gpod-ai.fusioncyber.co

Freelance

Machine Learning Engineer

August 2023 - December 2024 (1 year 5 months)

Mumbai, Maharashtra, India

- Building Daply.co
- Worked with edgeof.xyz (largest podcast in web3) & schooltube.com
- Build out AI System for proto-geo.xyz & realorfake.co
- <https://gyanbot.ai> & <https://travhub.ai> - Lead the Team & ML part.
- GPT 4 with Prompt Engineering for making Custom Agents which can complete workflows.
- Deep Learning Model Deployment on Triton Containers/ Inference Endpoints for low latency.
- Speech To Text & TTS Customisable API For many products .
- Stable Diffusion Fine tuning/ In-painting and Virtual Try On Prototype for client

bbsAI

AWS Consultant

March 2024 - March 2024 (1 month)

Maharashtra, India

- AWS Security Checklist & Cloud Infosec
- AutoScaling Setup for application & CI-CD
- Evaluation metrics & Report Generation for the application outputs
- Worked with different banks for OCR Apps deployed on AWS

Spark Racing Team

2 years

Telemetry Head

March 2023 - November 2023 (9 months)

Mumbai, Maharashtra, India

- Driver Assist System for formula Cars (Won First Price in Formula Imperial 2023)
- Building Data Acquisition Pipelines for BMS
- Realtime Dashboards for data delivery from moving vehicle
- BPP for Formula Imperial 23,22 & Formula Bharat 22

- Leading a department of 5 members

Social Media & Website Head

December 2021 - March 2023 (1 year 4 months)

India

- Buildded - <https://sparkracingteam.com/>
- Handled all Social Media for the team
- Leaded & Guided fellow team members in the department

Tericsoft

AI Intern

May 2023 - August 2023 (4 months)

Hyderabad, Telangana, India

- Working on Open source Large Language Models for Fine tuning as per clients need & prompt engineering.
- Information Retrieval using Vector Databases & LLM from unstructured-data
- Customised OCR Solutions for HealthCare companies

Indian Institute of Technology, Bombay

Machine Learning Engineer

July 2022 - July 2023 (1 year 1 month)

Mumbai, Maharashtra, India

- Worked with a team in the research and development of new OCR models & pipelines for Indian languages and document analysis, for an significant increase in accuracy over the previous models.
- Worked collaboratively with the Labeling Functions, Spear(Decile) to improve the current systems in OCR, for increase in overall system performance.
- Worked on trocr, vision tranformers, donut to build single pipeline instead of the OCR general pipeline of detection and recognition

Skills: Python (Programming Language) · Machine Learning & Deep Learning · Transformers · Pytorch · Django

Alegria - The Festival of Joy

Back End Developer

October 2022 - February 2023 (5 months)

India

- Collaborate with a team of 10 developers to build Website & App for alegira
- Developed and tested Back-End APIs for a large-scale student festival website and mobile app.
- Demonstrated proficiency in SQL databases and Flask framework to build efficient and reliable Back-End API's.
- Added new features to alegria.co.in and Alegira app, enhancing user experience and engagement.
- Worked on AR for deploying Glb models on Flutter app

Education

Indian Institute of Management Bangalore

HealthCare Incubation, Entrepreneurship/Entrepreneurial Studies · (May 2025 - December 2025)

Pillai College of Engineering

Bachelor's degree, Information Technology · (2021 - 2024)

Indian Institute of Technology, Madras

Foundation level Data science, Data science · (December 2021 - December 2022)

Internet

Where i learn almost everything