Akash Verma

Backend, API & AI Developer

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https://github.com/gitone912

https://akash-portfolio-final.vercel.app

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Fluent Language – English, Hindi

SKILLS

Backend development - Python (Django) ,NodeJs Express

(api development , microservices ,REST framework, Agile), Flask/Fastapi

AI Technologies - Natural Language Processing , Supervised and Unsupervised Models, Computer Vision, Transformers, Pandas, Numpy, Matplotlib, Plotly, Scikit learn.

Databases - MongoDB , PostgreSQL , MySQL, SQLite3

Frontend development - HTML, CSS, JS, Bootstrap, Tailwind

Cloud - AWS (ec2 , app services , buckets ,workflow), Azure , git & github, Firebase, Docker, Postman

Other languages - C & C++, java, linux ,python ,JS, bash

EDUCATION

ICFAI University, Jharkhand - *BCA DS & AI*

August 2022 - Present
(2nd year 3rd sem)

GPA Present - 9.0

KV Dipatoli, Ranchi - *12th*

2011 - 2022

12th percentage = 90%

EXPERIENCE

Backend Developer at AONIX Technologies - *python django and rest framework*

September 2023 - January 2024

- API Development and logic building for a gamified stock market app

Backend developer (freelance) at DoWell Research Company Singapore - *python django and rest framework*

April 2023 - September 2023

- Built APIs in mathematical modeling department
- Sampling techniques implementation in python and API conversion

Freelancer, Upwork - *full stack developer*

January 2023 - September 2023

Worked on :-

- a turkey startup (pc part selling company) built whole website of their startup

- a whatsapp marketing website automated mail writing accordingly to client's business website
- Automated website builder using open ai startup
- deep fake detector web app using

Internships *- full stack developer*

January 2023 - April 2023

- Signimus Technologies MP - Junior python developer
- Next cosmos technologies noida - MERN Stack Developer

Patent and research work

Waste Detection using AI and open CV and IOT bins – Conference Paper published under ICCSAI-2023.

Log Data Anomaly Detection – Patent filed (on process).

Projects Built

Hackathons :-

Smart India Hackathon 2023 (Winner 1st position) - Real Time anomaly and discrepancies detection using AI and GIS technologies and data insights visualization using charts and graphs and ML models, Chatbot, AI summarizer (Web App).

E-Suraksha hackathon Chandigarh University (Winner 1st position) - Log data analysis and real time anomaly detection in the data, recommending solutions using NLP and Providing insights using charts and graphs (Web App).

Concetto IIT ISM Dhanbad (Winner 1st position) - Text summarizer model selection, NLP chatbot, text to voice and translation using ML and DL models integrated in a Web App.

Hack With MAIT 4.0 (Winner 1st Position) - Cloud Optimization and Cost prediction as well as services recommendation and log anomaly detection using ML and DL models pipelined in a Web app.

BIT Meshra (Winner 3rd Position) - Freelancing Contract based website for client and user separately built using react and django microservices with features like nearby freelancer in map and contracts and self advertisement.

Microsoft Imagine Cup semi finalists (top 8 teams) - Waste management website integrated with ai azure and api, used IOT and open cv technologies for bins fill level detection and waste detection.

IIT Bombay techfest Atlassian (Finalists) - Task Optimization web app using python , open CV and AI technologies.

PANIIT Indus App Hackathon (finalists) - App for mental health patients to talk with their favorite avatar using NLP and React native technologies trained using psychiatrists data.

HACK NIT Rourkela (finalists) - Eye Care Website for detecting eye disease

Vodafone VOIS (quarter finalists) - Built an environment protection PLANT AI app.

Technovation sharda university (semi finalists)- Sign Language detector OpenCV.

OPEN AI Hackathons - build many projects in their hackathon using their apis eg semantic ai , gpt 4 , dalle-2, cohere ai.

Other projects - Blog App (CRUD) , REST APIs , Video Streaming website , User Authentication , Whatsapp Data Analyzer , Personalized Tips Giving website.