



Akhila Anilkumar

Data Science and Web Development Enthusiastic

I am a passionate Web Developer and competitive coder with a strong interest in AI and ML. Skilled in Problem Solving, C++, Java, and Python, I strive to stay updated on the latest advancements. With a ★★★★★ rating on HackerRank and a 3rd prize in VCET Hackathon 22, I showcase my coding skills and ability to deliver creative solutions. Proficient in front-end technologies like HTML, CSS, and JavaScript, I create dynamic websites using React. Additionally, my proficiency in backend technologies like MySQL & MongoDB enables me to develop robust applications. I am a collaborative and adaptable team player, leveraging analytical skills and logical thinking to excel in problem-solving. Seeking opportunities to contribute to innovative projects in technology, I am motivated to participate in hackathons and make a meaningful impact.

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Education :

2024 | Grade : 9.71/10 SGPI (Sem V)

**Bachelor of Engineering in
Computer Engineering
Mumbai University**

2020 | Percentage: 84.7/100

**HSC
Maharashtra State Board of Technical
Education**

Expertise :

- PowerBI ★★★★★
- MERN Application ★★★★★
- ML & DL Algorithms ★★★★★
- SQL & NoSQL Databases ★★★★★
- Data Structures & Algorithms ★★★★★
- Critical Thinking ★★★★★
- Leadership & Management Skills ★★★★★
- Communication Skills ★★★★★

Language :

English ★★★★★
Hindi ★★★★★
Marathi ★★★★★
Malayalam ★★★★★

Projects :

○ Jan, 23- Mar, 23

Sales Dashboard | MERN based Web Application

This is a MERN application which helps the sales person to analyze the database on various perspectives and take managerial decisions. Technologies involved are MongoDB, ExpressJs, ReactJs, NodeJs. It involves sales section showing year wise & sector wise distribution, sales wise analyzation etc. In product section product wise analyzation can be seen and in geographical section sales spread across the world can be shown with respect to sales quantity.

○ Nov, 22-Dec, 22

Farmer Assistance | Machine Learning & Deep Learning

This is website developed on 4 ML & 2 DL models. The Machine Learning models were used for features like Crop Recommendation, Crop Quality, Fertilizer Recommendation, Yield Prediction and for features like Weed Detection & Disease Detection Deep Learning models were used. For Weed Detection YOLO4 Algorithm was used which would detect the portion of weeds from an image uploaded by farmer with its accuracy. These Model's once created was deployed to the web page using Flask.

○ Aug, 22 - Dec, 22

Fire Detection | Convolution Neural Network & OpenCV

This application is used to predict the forest fire, the amount of fire it has caught in percentage. The algorithms are developed using CNN & OpenCV.. The Model involves feature extraction and classification wherein convolution layers were build then pooling was done at the resultant, repeated the process until we reached the required accuracy. The application was then successfully able to identify the amount of fire and the area.

Area of interest :

Web Development : Languages: HTML, CSS, JS

Framework : ReactJs, NodeJs, ExpressJs, Flask

Databases: SQL - MySQL, NoSQL - MongoDB

Tools : VS Code, MS-SQL Server, MongoDB Cloud

Data Analytics

: Language: Python

Tools : PowerBI, Google Colab, MS Excel.

Hands-on practice on various Machine Learning & Deep Learning Algorithms.

Internship :

OTET Infosystems

Mar, 2023 - Present

Web Development Intern

Here, we were assigned with a Software Development project - "CRM for sales management" - which is a web portal for customer relationship management, wherein we duly worked through the entire SDLC process as required for CRM, In Development phase my role was to create a section for proposal generation (pdf) based on the dynamic inputs given by the salesperson.