

BALAJI YALBURGI

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Profile Summary

I am committed to leveraging my technical expertise to develop innovative solutions. With a strong foundation in Python and Java, I thrive in dynamic environments where I can apply my skills to contribute to impactful projects. I am always eager to explore new challenges that foster continuous learning and professional growth

Work Experience

Frontend Developer

SensOps Tech Solutions Pvt. Ltd. | Feb 2025 - Present | Bengaluru, India

- Built responsive and intuitive UIs for automation platforms using HTML, CSS, and JavaScript.
- Integrated real-time data and system APIs into dashboards for seamless user interactions.
- Collaborated with design and backend teams to deliver pixel-perfect frontend components.
- Implemented dynamic visualizations to support AI-driven insights and predictive analytics.
- Hands-on experience with version control, frontend optimization, and cross-browser testing.ssssss

Data Analyst (Intern)

Edureka! Pvt. Ltd | Nov 2023 – Dec 2023 | Belagavi

- Project: Developed a model to predict earthquakes, achieving 85% accuracy and 0.25 MAE in magnitude prediction.
- Skills: Proficient in Python, Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib. Experienced in time series analysis, feature engineering, deep learning.
- Data: Cleaned and preprocessed seismic data, identified patterns and trends
- Responsibilities: Collected seismic data, developed a CNN model, implemented time series forecasting, contributed to an early warning system

Projects

REVOLUTIONIZING PLANT HEALTH: AI-POWERED DISEASE DETECTION

Developed a robust machine learning model to accurately identify and classify plant leaf diseases. Leveraged advanced image processing techniques and deep learning algorithms to predict disease outbreaks and recommend timely interventions.

DATA ANALYSIS

Leveraged Python and libraries like Pandas, NumPy, and Matplotlib to conduct data analysis and visualization, identifying trends and insights from large datasets

BANK MANAGEMENT SYSTEM

Developed bank management system using DBMS and SQL. Implemented core functionalities, ensure data security, and improved operational efficiency.

Certifications

NPTEL Cloud Computing
Data Science
AI/ML

Cyber Security by Google
Cyber Security by TCS
Microsoft Azure

CodeRed EHE
Data Analytics
Aws

Skills

HTML/CSS

Machine Learning

Computer Networking

Java

DBMS/SQL

Operating Systems

Python

C/C++

UI/UX

Education

- Bachelor of Engineering, Visvesvaraya Technological University (CSE) 2025, NIPANI
- 12th Pre-University course in PCMC, Konnur College April 2021 with 79%
- SSLC, ST. Theresa School in April 2019 with 67%

Other Skills & Interests

Skills: Microsoft Office (Excel, PowerPoint) | Communication | Leadership | Qualitative Thinking

Interests: Exploring out new Technologies| Trying out new Innovations and Technologies