

SAHIL DIPAK LONKAR

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Summary

Information Technology undergraduate with strong proficiency in C++, Python, JavaScript, SQL, and full-stack web development. Hands-on experience in MERN stack applications, machine learning projects, backend development, and database management. Strong analytical, problem-solving, and teamwork skills.

Skills

Programming Languages: C, C++, Python, JavaScript

Frontend Development: HTML, CSS, React

Backend Development: Node.js, Express.js, Flask

Databases: MySQL, MongoDB, SQL

Machine Learning: Python, NumPy, Pandas, Scikit-learn, Regression, Classification, Clustering, OpenCV

Experience

- **Project Intern** 2024
IFS Mercantile Pvt. Ltd., Pune
 - Developed responsive and user-friendly web pages using HTML and CSS.
 - Implemented backend logic, REST APIs, and automation scripts using Python and Node.js.
 - Designed, optimized, and managed relational and NoSQL databases with full CRUD functionality.

Projects

- **Spam SMS Classifier:** Built a machine learning-based spam detection system using Random Forest, Naive Bayes, and Logistic Regression to accurately classify SMS messages.
- **Vehicle Number Plate Detection System:** Designed a computer vision system using OpenCV to detect and extract vehicle number plates from images and video streams.
- **E-Commerce Website (MERN Stack):** Developed a full-stack e-commerce application using MongoDB, Express.js, React, and Node.js with user authentication, product management, and cart functionality.
- **College AI Chatbot:** Created an AI-powered chatbot to provide instant responses to common student and administrative queries.
- **Renewable Energy Forecasting:** Analyzed wind and solar datasets to predict future energy generation trends using machine learning models.

Education

- **B.Tech in Information Technology** 2025
Government College of Engineering, Karad GPA: 9.28
- **HSC** 90.33%
Tuljaram Chaturchand College, Baramati
- **SSC** 99.20%
New English School, Dorlewadi

Certifications & Awards

Microsoft Azure AI Fundamentals

Machine Learning Using Python – Simplilearn

Web Development – Udemy

Oracle Cloud Infrastructure AI Foundations Associate – Oracle

C++ Problem Solving – Udemy

Cummins Scholarship

Languages

English, Hindi