

# OMKAR SHINDE

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Versatile engineering graduate skilled in Python development, data analysis, and cloud/DevOps technologies. Experienced in building automation solutions using AWS, Terraform, Docker, and Power BI, along with developing data-driven applications and predictive models. Strong foundation in DBMS, scripting, problem-solving, and cloud deployments, with the ability to adapt across software, data, and DevOps environments while delivering reliable and efficient solutions.

## Skills

- Technical Skills: Python, DBMS ,Linux, AWS, Devops Tools, PowerBI, Tableau
- Behavioral Skills: Leadership, Team Player , Adaptability

## Education

2021- 2025 B.TECH in *Electronics & computer science* from PVPIT College Of Engineering, Sangli with 7.22 CGPA.

2021 12<sup>th</sup> from Sangli Highschool Junior College,Sangli with 87%marks.

2019 10<sup>th</sup> from Samarth English School, Palus, with 70% marks.

## TRAININGS OR CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Devops Professional
- Red Hat Certified System Administrator
- IBM Data Science Professional Certificate (Coursera)
- Data Visualization with Power BI – Microsoft
- Java Database Connectivity

## Projects

### Predictive Analysis Of House Prices

- Built regression models in Python to forecast housing prices using features such as location, area, and amenities.
- Applied data cleaning, feature engineering, and model evaluation to achieve **high prediction accuracy**.

### Automated Application Deployment on AWS using Terraform and Docker

- Designed and implemented Infrastructured as Code (IaC) using Terraform to provision AWS resources.
- Containerized the application with Docker and deployed it on provisioned EC2 instances.
- Improved deployment efficiency by combining Terraform for **infrastructure automation** and Docker for **application portability**.

### Blood Bank Management System

- The Blood Bank Management System is a comprehensive software
- Solution designed to streamline the management and operation of blood banks.
- It facilitates the entire process, from donor registration, blood collection, and screening to storage, inventory management, and distribution.

## INTERESTS, HOBBIES

- Sports, Photography, Karting, Travel.