

Vinit Patil

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B.Tech Computer Engineering

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 [GitHub Profile](#)

 [LinkedIn Profile](#)

EDUCATION

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- SVKM NMIMS Mukesh Patel School of Technology, Management and Engineering, Shirpur** 2022-2025
B.Tech Computer Engineering CGPA/Percentage: 3.2/4
 - R. C. Patel Polytechnic, Shirpur** 2022
MSBTE Diploma Computer Engineering CGPA/Percentage: 79.49
 - R. C. Patel English Medium School, Shirpur** 2018
Class X CGPA/Percentage: 84.2

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, Java, C++, PHP, SQL

Machine Learning & Data Science: Pandas, NumPy, Matplotlib, Scikit-learn, AI/ML (Linear Regression, SVM, Logistic Regression, Random Forest, XGBoost, KNN)

Databases & Cloud: MySQL, Firebase

Data Visualization & BI Tools: Tableau, Power BI, Microsoft Excel

Concepts: Data Structures & Algorithms, EDA, Model Optimization, Business Intelligence, Predictive Analytics

WORK EXPERIENCE

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- Data Analyst Intern | Hackveda Pvt. Ltd. (Remote)** Jan 2025 – Present
 - Cleaned and validated **50,000+ records** across 25 spreadsheets, achieving **99% data** accuracy and improving data reliability for decision-making.
 - Designed and developed **interactive dashboards** using **Tableau and Power BI** to visualize key business metrics, enabling stakeholders to make data-driven decisions.
 - Implemented **3 machine learning models** (Random Forest, XGBoost, KNN) to predict customer behavior with **85% prediction accuracy**.
 - Web Developer Intern | Sumago Infotech Pvt. Ltd.** May 2021 - Jul 2021
 - Developed **3 responsive and user-friendly websites** using **HTML5, CSS3, JavaScript, PHP, and Node.js**, ensuring seamless functionality across devices.
 - Debugged and resolved **40+ software bugs**, achieving a **95% success rate** and improving overall system performance.
 - Gained hands-on experience in Agile methodologies and version control systems like Git.

PROJECTS

Fraudulent Bank Loan Fraud Detection System (Python, ML)

- Designed and implemented a machine learning-driven fraud detection system using **Logistic Regression, Random Forest, and SVM**.
- Achieved **99% accuracy** in identifying fraudulent loan applications, significantly reducing financial risks for lenders.
- Conducted extensive **Exploratory Data Analysis (EDA)** to preprocess and analyze loan data.

Car Price Prediction Using Machine Learning (Python)

- Built a car price prediction model using **Random Forest Regression**, achieving **93% accuracy**.
- Utilized datasets from Kaggle to train and test the model, ensuring robust performance.
- Created a user-friendly interface to input car features and predict prices, enhancing usability.

Password-Based Locking System Using Arduino (IoT, Embedded Systems)

- Developed a secure password authentication system using **Arduino Uno** for IoT applications.
- Integrated hardware components like keypads and LEDs to create a functional prototype.
- Demonstrated the project at college tech fests, receiving positive feedback for innovation and practicality.

CERTIFICATIONS & WORKSHOPS

- IVP Coderush 4.0 Participant (2024)
- Amazon ML Summer School (2024)
- Flipkart Grid 6.0 Competitor (2024)
- Udemy Certifications: HTML & CSS, C & C++, Arduino Development
- Robotics Workshop: Hands-on experience in automation and robotics

COMMUNITY SERVICE

- Organized and participated in the **Mid-Day Meal** Program at Z. P. School Dahivad (2023), ensuring nutritious meals for underprivileged children.
- Volunteered for community clean-up drives and tech awareness campaigns, contributing to social and environmental causes.

CAREER OBJECTIVE

I'm a **data scientist and developer** with a mission to leverage **AI, data analytics, and software development** to create impactful solutions in **finance, automotive, and manufacturing**. I'm excited to collaborate with industry professionals and innovate in the ever-evolving world of technology!