

# SHIVAM KELSHIKAR

## ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ENGINEER

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### **SUMMARY**

Aspiring Engineer with a solid foundation in Artificial Intelligence and Machine Learning. Skilled in developing innovative solutions to solve real-world problems and passionate about leveraging AI to drive meaningful impact. Eager to contribute to cutting-edge projects in a dynamic environment.

### **EXPERIENCE**

#### **DATA ANALYTICS INTERN**

**Deloitte | May 2025 – Jul 2025**

- Analyzed large datasets to uncover actionable insights for decision-making
- Created data visualizations that simplified complex information for teams
- Developed and maintained dashboards in Tableau, providing real-time data visualizations for key performance indicators

#### **FULL STACK WEB DEVELOPER**

**Freelance | Jan 2021 – Dec 2021**

- Designed and developed a fully functional website for Cake Island cake shop from scratch, ensuring seamless user experience and efficient performance.

#### **WEB DEVELOPER INTERN**

**Shri Bhagubhai Mafatlal Polytechnic | Jan 2020 – Jan 2021**

- Designed and developed the official Chemical Engineering Department website from scratch, handling UI/UX, frontend development, and content structuring.
- Collaborated with faculty to translate academic and administrative requirements into a functional, user-friendly web platform.
- Implemented responsive design principles to ensure cross-device compatibility (desktop, tablet, mobile).

### **SKILLS**

- Data visualisation
- Data analytics
- Microsoft Excel
- Tableau development
- Power BI
- Data cleaning
- SQL databases
- Python Programming
- Artificial intelligence understanding
- Hypothesis testing
- Predictive modelling
- Machine Learning
- Mathematics for ML
- Web Development
- Generative AI
- Python Django
- Regression Analysis
- Statistical Documentation

## **EDUCATION**

### **Master of Technology (M.Tech)**

**Veermata Jijabai Technological Institute | Sep 2025 – 2027**

- Master of Technology (M.Tech) | Internet of Things (IoT)
- Actively building advanced skills in AI, Machine Vision, IoT systems, and Agentic AI with hands-on, real-world problem solving.
- Focused on intelligent sensing, data-driven automation, and applied AI systems.

### **Bachelor of Engineering (B.E.)**

**G.V. Acharya Institute of Engineering | 2022 – 2025**

- Bachelor of Engineering (B.E.) | Computer Science & Engineering (AI & ML)
- Graduated with a specialization in Artificial Intelligence and Machine Learning.
- Completed a capstone project on predictive analytics using Machine Learning techniques.

### **Diploma in Information Technology**

**Shri Bhagubhai Mafatlal Polytechnic | 2019 – 2022**

- Built a strong foundation in programming, databases, web technologies, IoT, and software development through intensive practical coursework and projects.

## **CERTIFICATIONS**

- 2D Drafting Certification – CADD Centre
- Python with Django – Udemy
- Python Fundamentals – Online Course
- Introduction to Artificial Intelligence – Online Course
- Generative AI Revolution – Amazon Web Services (AWS) Workshop
- Googling Google – Online Webinar
- Mathematics for Machine Learning & Data Science – Coursera (DeepLearning.AI)
- AI for Everyone – Coursera (DeepLearning.AI)

## **PROJECTS**

### **Business Regression Analytics Studio**

- Built an interactive tool comparing OLS, Ridge, Lasso, and Elastic Net for business datasets.
- Visualized regularization effects, predictions, and uncertainty to support better decision-making.

### **Sentiment Analysis of Social Media for Brand Monitoring**

- Developed an AI-based sentiment analysis system to track brand perception from social media data.

### **Tech: Python, NLP (NLTK), Scikit-learn, Matplotlib.**

### **Smart Power Monitoring System**

- Designed a real-time power consumption monitoring system to improve energy efficiency.
- Tech: Arduino, IoT sensors, data visualization tools.

### **Home Automation with Gas Leakage Detection**

- Built an IoT-based home automation system with real-time gas leakage detection for safety.

### **Tech: Arduino, Raspberry Pi, ESP8266, Python, Blynk.**