

SHREYASH VILAS BHAGAT

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Profile Summary

Results-driven Computer Science Engineering student specializing in AI & Analytics. Proven track record of developing scalable full-stack web applications, interactive enterprise dashboards, and predictive machine learning models. Adept at translating complex datasets into actionable business insights and collaborating in agile environments to engineer production-ready software solutions.

Education

MIT ADT University, Pune	2024 – 2027
Integrated B.Tech Computer Science Engineering (AI & Analytics)	CGPA: 7.20/10
MIT ADT University, Pune	2021 – 2024
Diploma in Computer Science Engineering	CGPA: 7.08/10

Skills

- Languages: Java, Python, JavaScript (ES6+), SQL
- Frontend: React, HTML5, CSS3
- Backend: Node.js, Express.js, Hibernate, Streamlit, REST APIs
- Data Analytics & AI: Pandas, NumPy, Plotly, Power BI, Tableau, Scikit-Learn, TensorFlow
- Databases & Tools: PostgreSQL, MongoDB, Git, GitHub

Internships

Data Analytics Intern - Unlox	Remote
• Engineered a Retail Analytics & AI-Powered Sales Forecasting Platform using Python and Streamlit. • Evaluated over 73K+ historical retail records, transforming raw transactions into actionable business insights via interactive, real-time diagnostic dashboards. • Implemented predictive analytics pipelines using Scikit-Learn and Plotly to accurately anticipate market demand.	
Java Web Developer Intern –SalahkaarConsultants	Remote
• Developed and deployed responsive, user-centric web applications using Java, React, and Django. • Architected secure REST APIs and optimized relational database performance using PostgreSQL. • Collaborated actively with cross-functional development teams in an agile environment to deliver production-ready features.	

Projects

AI-based Hand Gesture Recognition for Presentation Control

Python, OpenCV, MediaPipe

- Designed an AI-powered, touch-free computer vision controller recognizing 10+ distinct hand gestures for seamless real-time slide navigation.
- Achieved an approximate 95 percent gesture recognition accuracy rate through model fine-tuning and gesture-mapping optimization.

Store Inventory Management System

Java, MySQL, JDBC

- Developed an inventory management system to track product stock, sales transactions, and billing operations for retail stores.
- Integrated Java with MySQL using JDBC to store, retrieve, and update inventory and sales data efficiently.

Automated Potato Leaf Disease Detection using CNN-based Image Classification Python
Python, OpenCV, MediaPipe

- Developed a Convolutional Neural Network (CNN) image classification framework to automate the identification and diagnosis of agricultural leaf diseases.
- Trained, validated, and evaluated model performance on a dataset of 2,000+ labeled leaf images to maximize detection accuracy.

Certifications

- Microsoft Power BI Data Analyst
- Deloitte Data Analytics Job Simulation – Forage
- Tableau: Introduction to Business Analytics
- Machine Learning Foundations – LinkedIn Learning
- CLA: Programming Essentials in C
- Python for Data Science – Coursera
- Communication Skills – Cambridge University
- PCAP: Programming Essentials in Python
- Introduction to Data Analytics – IBM