



ACADEMIC RECORD			
Degree	Institute/University/Board	% / CGPA	Year
PGDM - BDA	Goa Institute of Management	Pursuing	2024-2026
Bachelor of Technology	K J Somaiya Institute of Technology	8.48/10	2019-2023
HSC	Vidyadham Junior Science College	65.23%	2018-2019
SSC	St. Lawrence High School	77.00%	2016-2017
INTERNSHIPS			
Intern	Feuchr-School of Excellence	May 2022 – Jul 2022	
Predictive Model for Insurance Premium Estimation	<ul style="list-style-type: none">Accomplished 85% accuracy in a Python-based forecasting model using machine learning for predictive analyticsLeveraged data analytics tools to deliver impactful reports that drove key strategic decisions for operations teamEntrusted with predictive analytics, enhanced web platform integration, and crafted user interfaces that boosted customer satisfaction by 25% and increased web traffic by 30%, driving measurable business growth		
Intern	Exposys Data Labs	Sep 2021 – Oct 2021	
Diabetes Prediction Model	<ul style="list-style-type: none">Improved diabetes prediction model accuracy from 65% to 80% by addressing key health parametersApplied advanced Logistic Regression and Support Vector Machine algorithms, boosting model performance by 15%, and delivering valuable, data-driven insights for more accurate and reliable diabetes predictionsDelivered an impressive 78.80% accuracy rate of the model, which outperformed the previous model by 15%		
Intern	Image Online Pvt. Ltd.	Dec 2021 – Dec 2021	
Customer Churn Prediction & Retention	<ul style="list-style-type: none">Addressed 25% customer churn rate, risking \$200,000 in revenue & impacting long-term customer retentionProcessed dataset of 10,000+ customer records & deployed an optimized XGBoost in Flask for churn predictions.Achieved 82% prediction accuracy, reducing churn by 15%, and retaining \$30,000 in annual revenue.		
ACADEMIC ACHIEVEMENTS & CERTIFICATIONS			
<ul style="list-style-type: none">Earned the certification in IT-140x: Scripting with Python from Southern New Hampshire University, Manchester via edXCompleted the certification on Data Science Tools (DSO105EN) from COGNITIVECLASS.AI (Data science methodologies and Tool)Certified in Tableau for Data Scientists from LinkedIn, gaining expertise in data visualization techniquesCertified in SQL Masterclass: SQL for Data Analytics on Udemy, demonstrating proficiency in SQL programming and Data manipulation			
LIVE/ ACADEMIC PROJECTS			
Lunar Research in Chandrayaan-2 SAR Dataset. (Proposal to ISRO)	<ul style="list-style-type: none">Conducted SAR analysis of Chandrayaan-2 dataset using InSAR, to analyze 1000+ craters present at lunar south poleImplemented an age forecasting model for craters using Python and ML, achieving 79% accuracyApplied advanced machine learning algorithms to analyze SAR datasets, also improving age determination precision by 15% and implemented effective clustering techniques to further refine feature categorization		
Hospital Management System (ERP)	<ul style="list-style-type: none">Devised a comprehensive Hospital Management System application based on Python and SQL, optimizing inventory and appointment workflows, which led to a significant increase in operational efficiency by 30%.Integrated live data with processing systems and build a machine learning model forecasting seasonal patient categories, optimized management of medication stock levels, resulting in 20% reduction in stock shortages		
Customer Segmentation & Predictive Analytics for Retail Industry	<ul style="list-style-type: none">Retailer lacked data-driven insights in customer behaviour, leading low retention rate of 45%Leveraged K-Means clustering for strategic customer segmentation, engineered predictive models to forecast churn, and orchestrated targeted personalized marketing campaigns using machine learning algorithmsDrove customer retention rate up by 15% and escalated average customer lifetime value by 20%, delivering significant and measurable improvements in marketing efficiency and overall business performance		
POSITIONS OF RESPONSIBILITIES			
<ul style="list-style-type: none">Marketing Lead: Directed a marketing team of 40 students for RENAISSANCE 2023 by Strategically planning and executing campaigns for the event, delegating tasks, optimizing workflows, and secured Rs. 1.5 lacs in sponsorships, boosted overall event successMarketing: Directed targeted strategies as core coordinator of marketing team at Google's Developer Club, spearheading campaign that achieved 30% audience growth & 120% increase in social media followers, doubling engagement metrics from 2020 to 2022.			
EXTRA-CURRICULAR ACTIVITIES			
<ul style="list-style-type: none">Spearheaded intercollegiate cricket team, driving success through strategic acumen, teamwork, and exemplary sportsmanship, 2022Authored blog on AI's potential in digital immortality, analyzing role in preserving consciousness & addressing ethical implications, 2024			
CORE COMPETENCIES			
Languages & MS office	Python, HTML, CSS, SQL, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Xampp, 2023		
Big Data Tools	Tableau, Power BI, Machine Learning, Oracle Database, MySQL Database, MongoDB, 2023		