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| **Shubham Sudhakar Deshmukh** |
|  | Data Science Professional |  |
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| Contact |  | Professional Profile |
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|  | 9689801593, 9403094608 |  | **Data Science Expertise** in historic data and applied statistical concepts to make cross-sectional predictions. Industry enthusiast with proficiency in predictive analytics alongside many techniques from data mining, statistics, modelling, machine learning, and artificial intelligence to analyze large data and making predictions about future. |
|  | shubhamd9v@gmail.com |
|  | Panchavati, Nashik |
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| Professional Experience |  | Education |
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| **Front-End Developer Intern Code-Pro Technologies | Aug 2023 - Mar 2024****Internships | (06/2023 To 12/2023) and after degree (06/2024 To Present)*** A professional with core skills in Python, Data Science and Machine learning with expertise in Financial and Healthcare domain projects.
* Able to investigate Data Visualization and summarization techniques conveying key findings.
* Communicates findings and obstacles to team members to achieve best approach.
* Ability to write a clean and production code with Object Oriented Programming in Python.
* Thorough understanding of Probability and Statistics, Bayesian methods, Time Series analysis.
* Experience in data management tools - Relational and SQL databases.
* Knowledge of Python’s Data Analysis and ML Libraries.
* Source code management and Version Control system using Git and GitHub.

**Machine Learning and Data Science:*** **Python Packages-** NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Flask.
* **Machine learning-** Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naïve Bayes Classifier, k Nearest Neighbor’s Classifier, Support Vector Machine, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, Gradient Boosting, XGBoost, K-means Clustering.
* **Time-Series-** AR, MA, ARIMA, SARMAX analysis Models.
* **NLP-** NLTK, TF-IDF, Word2Vec, Bag of Words
* **Methodology:** Agile, **Project Tool:** JIRA

Project Details**Project: Axos Lending system** **Domain: Finance****Description:**A pioneer in digital banking, Axos Bank offers a comprehensive range of innovative financial products and services with the highest level of security. Our powerful web-based platform gives you streaming real- time data and one-click loan execution of the same essential capabilities featured in our desktop software. CMV Group arsenal of lending and analysis tools gives you advantages once enjoyed only by professional traders.**Roles and Responsibilities:*** + Understand, analyze, and interpret large datasets
	+ Develop advanced programs to extract the data needed, prepare data for further analysis
	+ Discover, design, and develop analytical methods to support novel approaches of data and information processing
	+ Perform analysis to assess the quality of the data, determine the meaning of the data, and provide data facts and insights.

**Project2: Content Classification Solution System** **Domain: Document Classification****Description**:Document Classification to help the organization to meet legal and regulatory requirements for retrieving specific information in a set timeframe.**Roles and Responsibilities:*** + Mine and analyze data from company databases to drive optimization and improvement of product development, marketing techniques and business strategies.
	+ Work with stakeholders throughout the organization to identify opportunities for leveraging company data to drive business solutions.
	+ Search for ways to get new data sources and assess their accuracy
	+ Assess the effectiveness of new data sources and data gathering techniques.
	+ Use predictive modelling to increase and optimize customer experiences, revenue generation, ad targeting and other business outcomes.
	+ Coordinate with different functional teams to implement models and monitor outcomes.

**Courses:** **• Python – Data Science | Velocity Training Center | 2024 - Present****• Machine Learning with Python | Great Learning****• Java Programming Certification | Great Learning****• AWS Training: Amazon Bedrock, AWS Skill Builder, AWS Billing & Cost Management****• Soft Skills: Corporate Etiquette, Impactful Presentations, Effective Email Writing | TCS iON** | **BE-**(Information Technology), Pass out Year-2024, University- Savitribai Phule Pune University, CGPA-7.48**HSC |** Pass Out year- 2017, Board- Maharashtra State Board, Percentage-55.23%**SSC |** Pass out year- 2015, Board- Maharashtra State Board, Percentage- 85.00% |
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| Additional Skills**Deep Learning:** Neural Networks, Deep Learning, ANN, CNN, DNN, Transfer Learning, Back Propagation, Linear Algebra, Activation & loss functions, optimisers, Tensorflow 2.x, Keras, **AWS:** Elastic Compute Cloud, Sagemaker, Notebook instance, AWS container, Simple Storage Services S3, Deployment, Multi cloud environment **NLP:** Text understanding, representation & classification techniques, Text clustering skills**Libraries:** nltk, spacy, gensim, textblob, langdetect, googletransTechstat: BOW, TFIDF, word2vec, doc2vec, sent2vec, keypharse extraction **Databases:** 3C(Command, Constrains, Clauses), CRUD operations, Subqueries, Window functions, Joins **Maths & Stats:** Filter, Wrapper, Embedded Method,P-Value, T-Test, Z-Test, ANNOVA test, Chi-Square Test, Info-Gain Test, Hypothesis Testing.probability, statistics, linear algebra, probability, statistics, linear algebraPersonal Details**DOB:** 22-04-1999**Languages:** Hindi , Marathi, English, German**Hobbies:** Yoga or Meditation, Learning Coding or Data Science, Photography, Learning a Language, Gardening, Hiking/Running, Cooking/Baking**Marital Status:** Unmarried |
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