


Python back-end developer proficient in FastAPI, Serverless Lambdas with Knowledge of supervised and unsupervised ML models, data engineering, real-time analysis and databases (SQL/NoSQL).

 shreyas-desai

Linkedin

 shreyas-desai

Github

Experience

Extrapreneurs India Pvt.Ltd	November 2021 - July 2023
Software Engineer	
<ul style="list-style-type: none">Developed functional FastAPIs for services including Market Data collection, User Data management and Bulk Data Load.Maintained legacy Java APIs based on SpringBoot framework and added updates for globalization and localization throughout the system.Integrated and synchronized data between PostgreSQL and Salesforce, enhancing data accuracy and accessibility.Utilized Salesforce Bulk Data API to directly load data from a third-party site to Salesforce Bulk Object, with AWS S3 Bucket backup.Implemented successful data transfer to custom Salesforce objects using AWS serverless lambdas and AppFlows.Experience with Git CLI and Desktop for code preserves.	

SessionAI (previously Zineone)	August 2022 - February 2023
Data Engineering Intern	
<ul style="list-style-type: none">Providing recommendation of offers based on retrieved user session activity using LSTM models with hyper parameter tuning and visualizing results for improved feature selection.Managing data manipulation and feature extraction. Selecting features based on understanding of visualized data.Experimenting and training of different ML regression models for session-based user data.Evaluating inferences from the resulting metrics and deploying models on MLFlow for testing and production.Analyzed data from over 60000 monthly active user sessions, generated analytics based on the data.	

Education

Stevens Institute of Technology	September 2023 - May 2025
Computer Science	Master's
<ul style="list-style-type: none">Honors: Received Provost Scholarship	
Department of Technology, Shivaji University, Kolhapur	September 2019 - July 2022
Computer Science	B.Tech.
8.5	
Bharati Vidyapeeth Institute of Technology, Navi Mumbai	August 2016 - May 2019
IT	Diploma
82%	
<ul style="list-style-type: none">Honors: Tuition Fee Waiver Recipient	

Projects

PhishURL	-
URL Security: Phishing Detection Insights	
 Project	
<ul style="list-style-type: none">The "PhishURL" project involved building a dataset of 55% benign and 45% malign URLs.Through rigorous training of machine learning models such as Random Forest, SVMs, Decision Trees and Bayesian Networks, accuracy rates ranging from 92% to 96% were achieved.Particularly, the Random Forest model demonstrated the highest accuracy.To ensure practicality, a user-friendly web application was developed using Flask that provides immediate phishing risk evaluation for submitted URLs was developed.	
IPL Dataset Analysis	-
IPL Dataset: Unveiling Cricket Insights	
 Project	
<ul style="list-style-type: none">In the IPL dataset analytics project, insights were extracted by analyzing batting trends, highlighting a 12% powerplay run rate increase.The scrutiny of bowling patterns revealed a 25% spike in wicket-taking during death overs, influencing strategic decisions and team performance.Notably, a 17% increase in average run rate during powerplays over the last three seasons was unearthed.	

Skills

Programming Languages	Software Proficiency
Python, Java, SQL, C++	VS Code, Eclipse IDE, WSL, PyCharm, Anaconda
Data Analysis	Decision Sciences
Data Manipulation, Feature Extraction, Data Visualization (MatLAB, MatPlotLIB), Statistical Analysis, Exploratory Data Analysis (EDA), Data Wrangling, Collaboration Tools(Google COLAB, Jupyter)	Quantitative Analysis, Decision Trees and Decision Analysis, Predictive Modeling
Backend Frameworks	
FastAPI, Django, SpringBoot, Flask	

Certifications

Applied Data Science With Python - Level 2	2021-07-08
IBM	
Machine Learning with Python - Level 1	2021-07-24
IBM	
 View Certificate	