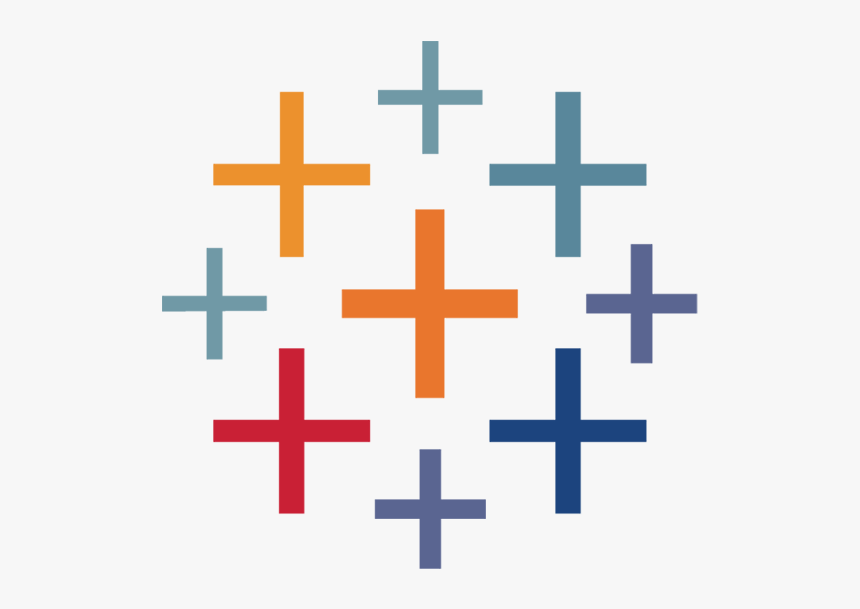
**Akshay Pandurang Paunikar**

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**Summary:**

Data Science enthusiast with diverse internship background (banking, finance, e-commerce). Proficient in statistical analysis, machine learning, deep learning and data visualization using Python, SQL, Tableau, Power BI. Skilled in extracting insights from complex datasets, providing data-driven solutions and eager to innovate in a collaborative setting.

**Professional Experience:**

1. **iNeuron.ai – Data Science Intern – April 2022 – October 2022**

* Pioneered an End-to-End Machine Learning Project at iNeuron.ai focused on "Mushroom Classification", achieving 100% accuracy with the XGBoost Classifier.
* Led complete Exploratory Data Analysis and engineered robust pipelines for data ingestion, transformation, and model training.
* Proficiently deployed machine learning model, showcasing expertise in Python and real-world application of algorithms.

1. **LetsGrowMore – Data Science Intern – May 2022 (1 Month)**

* Applied Machine Learning and Deep Learning methodologies in Python during a one-month internship.
* Conducted Exploratory Data Analysis (EDA) using Python and Tableau, and trained diverse Machine Learning and Deep Learning Models.
* Provided valuable feedback on tasks completed by fellow interns, contributing to continuous improvement initiatives within the team.

1. **The Sparks Foundation – Data Science & Business Analytics Intern – March 2022 (1 Month)**

* Joined The Sparks Foundation as a Data Science & Business Analytics Intern in March 2022, diving headfirst into the world of data using Python.
* Unveiled hidden insights by digging deep into data using Python and Tableau, while also tinkering with various Machine Learning Models.
* Collaborated closely with fellow interns, offering constructive feedback on their work to foster a supportive learning environment.

1. **INFINX Services Pvt. Ltd. – Pre-Authorization Analyst – July 2018 – November 2020**

* Spearheaded pre-authorization processes for advanced medical requests, including CT scans, MRIs, surgeries, and pain management treatments, catering to esteemed clients like Cleveland Clinic Foundation and Orthopedic Associates of Middletown, Connecticut.
* Expertly managed denied requests, gathering essential information and guiding clients through next steps, ensuring seamless resolution.
* Recognized for exceptional performance with the Star Performer Award four times and induction into the prestigious Captains Club twice, while also contributing to the training and supervision of new team members.

**Technical Skills:**

* Statistics: Descriptive and Inferential Statistics, Hypothesis Testing, Time Series Analysis, Probability Theory.
* Data Visualization: Power BI, Tableau, Microsoft Excel.
* Programming Language: Python (NumPy, Pandas, scikit-learn, SciPy, Matplotlib, Seaborn), PyTorch, TensorFlow, Keras.
* Machine Learning: Regression, Classification, Clustering, PCA, ANN, CNN, RNN, LSTM RNN, NLP, Web Scraping.
* Database: MySQL.
* Cloud: Google Cloud.
* Web Designing: HTML, CSS, Flask.
* Core Skills: Data Analysis, Data Visualization, SQL and Database Querying, Data Processing, Data Validation, Business Intelligence.

**Education:**

* BE Electrical Engineering, North Maharashtra University (2015) – 64.73%.
* HSSC, MSBSHSE Pune (2011) – 72.5%.
* SSC, MSBSHSE Pune (2009) – 83.37%.

**Projects:**

1. [](https://github.com/Akshay-Paunikar/Loan_Prediction_ML/tree/main)**Predict Loan Eligibility for Housing Finance company**

* Developed an automated real-time loan eligibility system, leveraging customer-provided data to identify eligible customer segments for a housing finance company, streamlining the loan application process.
* Implemented diverse pipelines including data ingestion, transformation, and model training, culminating in a Logistic Regression model achieving an accuracy rate of 77.29%, facilitating targeted customer outreach and decision-making.

1. [](https://github.com/Akshay-Paunikar/HR_Analytics/tree/main)**HR Analytics to Identify Right People for Promotion**

* Employed HR analytics to pinpoint promotion-worthy individuals based on criteria such as past performance, training success, and KPI fulfillment, streamlining the promotion process for the organization.
* Established and executed various pipelines including data ingestion, transformation, and model training, resulting in a CatBoost Classifier with an impressive accuracy rate of 94.02%, facilitating informed decision-making and expediting promotion cycles.

**Certifications:**

* Master’s Program in Data Scientist, Simplilearn, November - 2021.
* Deep Learning with Python, iNeuron.ai, June - 2022.
* Tableau Desktop Certified Associate, Simplilearn, August - 2021.
* Microsoft Power BI, iNeuron.ai, February - 2023.
* Google Cloud Computing Foundation with Kubernetes, FutureSkills Prime, May - 2023.
* PwC Digital Intelligence Job Simulation on Forage, January - 2024.
* Commonwealth Bank Introduction to Data Science Job Simulation on Forage, October 2023
* JP Morgan Chase & Co. Quantitative Research Job Simulation on Forage, October - 2023.
* Cognizant Artificial Intelligence Virtual Experience Program on Forage, August - 2023.
* TATA Data Visualization: Empowering Business with Effective Insights on Forage, July 2023.
* JP Morgan Chase & Co. Excel Skills Virtual Experience Program on Forage, April - 2023
* Goldman Sachs Excel Skills for Business Virtual Experience Program on Forage, April - 2023.
* PwC Power BI in Data Analytics Virtual Case Experience on Forage, February - 2023.
* JP Morgan Chase & Co. Corporate Analyst Development Program (CADP) on Forage, February - 2023
* Quantium Data Analytics Virtual Experience Program on Forage, December 2022.
* Standard Bank Data Science Virtual Experience Program on Forage, November 2022.
* British Airways Data Science Virtual Experience Program on Forage, November 2022.
* Accenture Data Analytics and Visualization Virtual Experience Program on Forage, September 2022.
* KPMG Data Analytics Consulting Virtual Internship Program on Forage, September 2022.
* ANZ Data Analytics and Visualization Virtual Experience Program on Forage, September 2022.