

RISHIN TIWARI

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SUMMARY

Competent professional with 2.5+ years of expertise in web analytics and development, possessing proficiency in Python, SQL, Tableau, PowerBI, R, ETL, statistics, and agile methodology. Backed by a specialized bachelor's degree in AI and ML and a strong commitment to continuous learning, this foundation is well-equipped to drive business growth through informed decision-making.

EDUCATION

University of South Florida, Tampa FL

Master of Science in Business Analytics and Information Systems

Aug 2023 - Dec 2024

Medi-Caps University, Indore

Bachelor of Technology, Information Technology

Aug 2016 - Aug 2020

EXPERIENCE

Tata Consultancy Services (TCS), Mumbai

Nov 2020 - Jun 2023

Web Developer and Analyst

TCSion Digital Learning Hub

- Collaborated with cross-functional teams to define KPIs (Traffic, Time on Site, Bounce rate etc.) and set up tracking for measuring website performance.
- Engaged with developers, designers, copywriters, and cross-functional teams (CRO, Video, Marketing, etc.) to drive innovation, attained a 38% conversion boost.
- Through teamwork with designers and performance teams, achieved a 41% user experience enhancement via data-driven segmentation, while optimizing marketing strategies for effectiveness.

Tata Business Hub (nexarc)

- Developed concise reports and interactive dashboards using PowerBI and Tableau, effectively conveying data-driven insights and recommendations to stakeholders, resulting in improved decision-making and a 20% increase in timely strategic actions.
- Successfully executed data refreshes and updates, leading to the creation and publication of three dashboards every quarter.
- Contributed to visual reports using Python and Matplotlib, effectively illustrating intricate data trends.

TCSion

- Employed JavaScript, JSON and Bootstrap to implement responsive design strategies, ensuring seamless user experiences across diverse devices and optimize corporate website.
- Executed client-facing tasks involving site performance management, goal conversions reporting, A/B testing, and troubleshooting.
- Applied SQL to conduct data validation and quality assessments, guaranteeing precision and uniformity in reports.

Trinaabh Infotech Pvt. Ltd.

Apr 2020 - Jun 2020

Data Analyst Intern

- Contributed in data exploration, performed thorough statistical analysis, and generated reports, bolstering decision-making processes.
- Streamlined operations by orchestrating ETL processes, collaborating on quality checks, and documentation, leading to a 20% reduction in processing time and enhanced overall efficiency.
- Conducted detailed data analysis with SQL, Python, and Excel, extracting valuable insights from complex datasets for informed decision-making.

PROJECTS

Audio to Sign Language Converter

- Designed a real-time voice-to-text system with Pyaudio, SPHINX, and Google Speech Recognition, transforming audio to on-screen sign language, significantly enhancing accessibility for over 5% of the world's population with hearing impairments.
- Presented a paper titled "Audio to Sign Language Converter" in Volume 10 Issue XI November 2022 in International Journal for Research in Applied Science and Engineering Technology (IJRASET) (ISSN: 2321 -9653)

Sneaker Classifier

Implemented a deep learning project with Keras and TensorFlow to classify diverse sneaker images from ecommerce website data, achieving 89% accuracy in categorization.

Tableau Sales Performance Analysis

This Tableau project showcases sales analysis with integrated data, interactive dashboards, trends, geospatial insights, performance comparisons, and reports boosting market share by 10%.

TECHNICAL SKILLS

Languages/Databases: Python(NumPy, Pandas, NLP, Tensorflow, Matplotlib, Keras), SQL, JavaScript, Java, C, HTML5, CSS3, Bootstrap, JSON, Angular.js, NoSQL, MySQL, PHP

Technologies: PowerBI, Tableau, Machine Learning(Regression, Classification, Clustering), Data Science, CI/CD Data Pipelines

Tools/IDE: Eclipse IDE, ETL tools, Apache Airflow, Apache Kafka, Anaconda, Visual Studio, Git-Bash, Git-Desktop, MS Excel