

Akash Krithik

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Data Analyst

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Profile Summary

Proficient **Data Analyst** with expertise in **Python, SQL, Tableau, and Excel**. NIIT-certified in Data Science, experienced in **data visualization, machine learning, and strategic business problem-solving**. My software development background fuels a strong drive for automation and efficiency.

Core Skills

- **Data Analysis Tools:** Python, SQL, Excel, Tableau
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn
- **Concepts:** Data Cleaning, Data Visualization, Business Intelligence, Statistics
- **Other:** Git, Advanced Excel, Machine Learning (Basic & Advanced)

Education

| Course | Institution | Year | Percentage |
|--|--|------|------------|
| Certification - Data Science and Analytics. | NIIT National Institute of Information Technology | 2025 | 71% |
| B.E - Electronics and Communication Engineering. | MNM Jain Engineering College, Chennai – Anna University. | 2022 | 76.3% |

Professional Experience

- Software Developer (Short-Term Contract) | Tecvine Solutions., Chennai | Mar 2025- Jun-2025**
 - Led a four-member team (2 junior developers, 1 UI designer) to develop a unified platform for a group of companies under a parent organization.
 - Managed full-stack development ensuring responsive design, optimal performance, and smooth deployment.
 - Contributed as front-end developer for a custom dental software, maintaining UI/UX consistency and resolving complex technical challenges with strong problem-solving skills.
- Software Developer | Codentrix Technology Pvt. Ltd., Guindy, Chennai | Dec 2022 – Aug 2024**
 - Led a cross-functional team delivering product-based solutions for pharmaceutical companies.
 - Gathered and analyzed stakeholder requirements, delivered scalable web applications with a focus on automation.
 - Implemented advanced features and enhancements, improving overall user experience and client satisfaction.

Projects

| Sno | Project Name | Description | Environment | Company | Duration |
|-----|--|--|---|------------------------------------|-----------|
| 1 | Amazon Sales Data | Analysed Amazon sales data to derive revenue insights and business performance. Formulated and answered business questions using machine learning algorithms like Linear Regression and Logistic Regression. Trained and tested models with appropriate metrics, visualized results effectively, created dashboards in Tableau, and compiled findings into a presentation. | Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), Tableau, Excel, PowerPoint, Machine Learning Algorithms (Logistic, linear), | NIIT | Apr 2025 |
| 2 | Predictive Data Analysis & Visualization | Developed a web-based `application using React.js and Flask for predictive data analysis, including data cleaning, preprocessing, visualization, and ML model training with accuracy evaluation. | React.js, JavaScript, HTML, Tailwind CSS, Flask, Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Machine Learning (Random Forest Classifier) Excel. | - | Jan 2025 |
| 3 | NLP Chat Bot | Integrated a chatbot into my portfolio using a Flask API in Python. It receives and responds to user input via an API using the Pipeline module. | Python, Flask, Hugging Face Transformers (DialoGPT), FuzzyWuzzy, HTML, CSS, JavaScript, Netlify | - | Jan 2025 |
| 4 | Football Data Analysis | Analyzes football data to gain performance insights, player profiling, and market trends. Uses Python for preprocessing, exploratory & predictive analysis, and Tableau for visual dashboards. | Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Statsmodels), Tableau, Excel. | NIIT | Jan 2025 |
| 5 | Emerson Invoice Application | Designed for annual and quarterly backup and archival processes, along with invoice generation functionality. | PHP, Laravel 9, HTML5, CSS3, Bootstrap, jQuery, JavaScript, SQL, MySQL, Jira | Codentrix Technology Pvt. Ltd., IN | July 2023 |
| 6 | PharmTracQR | Enables label generation with diverse data sets, QR code creation for different levels, and multi-level data analysis tailored to various roles. | PHP, Laravel 11, Reactjs Bootstrap, jQuery, JavaScript, SQL, MySQL, Agile, AWS S3 | Codentrix Technology Pvt. Ltd., IN | Aug 2024 |