

Kavya D

AI/ML Engineer

Accomplished Data & AI enthusiast eager to leverage my knowledge in data analysis and machine learning to contribute effectively to challenging projects. Armed with proficiency in Python, SQL, and a passion for learning, I am excited to continue my career of transforming data into meaningful insights. Seeking an opportunity to grow and apply my skills in a dynamic and collaborative environment.

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WORK EXPERIENCE

AI/ML Computational Science Analyst Accenture

02/2023 - Present

Contributed to the design and implementation of Gen AI-driven Finance chatbot solutions as a Developer

Achievements/Tasks

- Utilized Python coding skills to design, develop, and optimize chatbot functionalities, including the integration of OpenAI models to improve conversational responses and application of prompt engineering concepts.
- Leveraged Azure cloud services for scalable and efficient deployment of the chatbot, ensuring seamless performance and accessibility.
- Collaborated closely with cross-functional teams, including developers and business analysts, to align chatbot functionalities with project goals.
- Awarded as **Champion** in Accenture Products and Platforms Pinnacle Award Winners FY23 Q3.

Application Development Associate Accenture

01/2021 - 02/2023

Worked in Air Cargo Reservation and Capacity Application upgrade from v6.0 to v8.1 and was part of Accenture Freight Logistics Service(AFLS)

Tasks/Achievements

- Leveraged analytical expertise to collaborate with cross-functional teams, identifying patterns in software defect data and providing insights that significantly reduced testing time by 20% and improved defect detection rate by 15%.
- Developed a robust testing strategy utilizing data analysis to pinpoint high-risk software areas, enhancing testing efficiency.
- Meticulously identified and documented defects, utilizing Jira for agile project management, and performed thorough regression testing to ensure sustained software performance.
- Received "**On the Spot**" award for exceptional contribution in Accenture for FY21 H2 and "**The Extra Mile Award**" in Offshore - Team Category for outstanding contribution to Clients, People, and Organization.

EDUCATION

Bachelor's Degree in Electrical and Electronics Engineering

Sri Venkateswara College of Engineering

2016 - 2020

Sriperumbudur, CGPA- 9.43

SKILLS

Python(NumPy, Pandas)

Data Analysis

Predictive Modeling

Machine Learning

Power BI

SQL

Machine Learning Algorithms

PERSONAL PROJECTS

Investigating Online Payment Transactions for Fraud Detection

- Conducted exploratory data analysis using Python to detect online payment fraud, identifying 8213 fraudulent transactions (0.13% of 6lakh) and deriving valuable insights

Mobile Market Analysis & Prediction on Pre-owned Phones

- Created a regression model to predict phone and tablet prices, employing MSE and R2 score for evaluation and optimizing profits through data-driven insights, enhancing company profitability

Predictive Analysis and Risk Assessment for Heart Attacks

- Developed classification algorithms to predict the likelihood of heart attack, providing healthcare providers with a competitive edge in improving patient outcomes, reducing costs, and enhancing patient engagement

Atliq Technologies Sales Insights

- Designed sales insights BI Dashboard to tackle declining sales and provide regional managers with valuable reports, enhancing business performance understanding

CERTIFICATES

Microsoft Certified: Power BI Data Analyst Associate (PL-300)
(04/2023 - 04/2025)

Microsoft Certified: Azure Data Scientist Associate (DP-100)
(06/2023 - 06/2025)

Microsoft Certified: Azure AI Engineer Associate (AI-102)
(01/2024 - 01/2025)

Microsoft Certified: Azure Data Fundamentals

Microsoft Certified: Azure AI Fundamentals

Microsoft Certified: Azure Fundamentals

LANGUAGES

English
Full Professional Proficiency

Korean
Elementary Proficiency

Tamil
Native or Bilingual Proficiency