

J. Ashok Kumar

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OBJECTIVE

Aspiring Software Engineer passionate about Artificial Intelligence and Data Analytics. Skilled in developing scalable machine learning models and analytical solutions using Python, SQL, and cloud tools. Eager to contribute to innovative projects that create measurable impact, while continuously learning and growing within dynamic teams such as Microsoft.

TECHNICAL SKILLS

Languages: Python, Java, C, SQL

Frameworks & Libraries: Scikit-learn, Pandas, NumPy, Matplotlib, Streamlit

Data Analytics Tools: Excel, Power BI (Basics), Google Cloud (Beginner)

Web Technologies: HTML, CSS, JavaScript (Basics)

Tools & Platforms: Git, GitHub, MS Office

Soft Skills: Problem Solving, Team Collaboration, Communication

PROJECTS

Unemployment Prediction App | Python, Streamlit, ML

- Built an interactive web app to analyze and forecast unemployment trends using supervised ML models.
- Implemented data preprocessing, visualization, and model evaluation with Scikit-learn and Pandas.
- Recognized during a hackathon for real-world societal impact.

Credit Card Fraud Detection System | Python, ML

- Developed a machine learning model to detect fraudulent credit card transactions.
- Conducted exploratory data analysis and feature engineering for better prediction accuracy.
- Deployed model insights into an interpretable dashboard for visualization.

Portfolio Website | HTML, CSS

- Designed and deployed a personal portfolio website to showcase technical skills, ML projects, and GitHub repositories.

INTERNSHIPS

Cyber Security Intern – Andhra Pradesh State Skill Development (May 2024 – July 2024, Online)

- Worked on a credit card fraud detection system using ML algorithms to identify suspicious transactions.

Data Analytics Intern – AICTE (April 2025 – May 2025, Online)

- Analyzed large datasets using Python and visualization tools to uncover actionable insights for decision-making.

EDUCATION

B.Tech in Computer Science – Vikas Group of Institutions, Nunna (2022 – Present)
Current CGPA: 7.0 / 10

Intermediate (MPC) – Vijaya Kranthi Junior College, Challapalli (2020 – 2022)
Scored 65%

10th Standard – Sunflower High School, Challapalli (2020)
GPA: 10/10

CERTIFICATIONS

- Python & Data Analytics – Coursera, Udemy
- AI & Software Engineering – Infosys, IBM, TCS
- Business Development & Soft Skills – APSSDC