

AJAY KUMAR

Baltimore (U.S. Work Authorization: F-1 Visa (STEM OPT Eligible), Open to H1B sponsorship)

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PROFESSIONAL SUMMARY

Entry-level Data Analyst with strong proficiency in Excel, Tableau, and Python (Pandas, NumPy), experienced in data cleaning, visualization, and insight generation. Demonstrated success in turning raw datasets into actionable business intelligence across cross-functional teams. Proven ability to support decision-making through impactful dashboards and storytelling. US work authorization with OPT eligibility.

EDUCATION

University of Maryland Baltimore County – *Masters, Data Science (3.5/4)*

Aug 2024 – May 2026, Maryland, USA

Relevant Courses: Intro to Data Science, Data Management, Ethics in Data Science, Big Data Analytics, Leadership in Data Science, Data Analysis and Machine Learning, Project Management Fundamentals

MIT Academy of Engineering - *Bachelors of Technology in Computer Engineering (1st Class)*

May 2017 – June 2021, Maharashtra, India

Relevant Courses: Computer Networks, Data Structures & Algorithms, Theory of Computation, Math, Human Computer Interaction, Capstone Project & [Research Paper](#) on Review based Recommendation system.

ACADEMIC PROJECTS

FDA Dataset Analysis

- Extracted, cleaned, and transformed 50,000+ rows using Pandas & NumPy.
- Created interactive visualizations in Plotly & Matplotlib to identify trends and generate data-driven insights.
- Presented findings to peers using structured dashboard narrative.

Crime Data Analysis

- Built an end-to-end data pipeline using Azure Data Factory, SQL & Power BI.
- Developed interactive dashboards to uncover location-based crime patterns.

WORK EXPERIENCE

Pathlock Inc., Bangalore (IN) - *Implementation Engineer*

Jul 2021 – May 2024

- Implemented Identity and Access Management solutions for 50k+ users globally and improved CSAT score to **95%**.
- Created end to end project plan, gathered business requirement and created business Requirement document, reported weekly status, identified trend in Vulnerabilities and created respective actionable insights.
- Collected, validated, and organized large datasets to create actionable dashboards using Tableau.
- Ensured data accuracy and consistency across dashboards by performing quality checks and validation routines.
- Presented data-driven insights to stakeholders, enhancing decision-making efficiency.
- IDAM: Improved Implementation process using Agile methodologies and delivered UAM, PAM, UAR, SSO, MFA modules for Workday/AD/PeopleSoft/ERP systems. Integrated ProfileTailor License Auditor for tracking SAP licensing & Compliance with ITSM tools for tracking and compliance.
- Collaborated with cross-functional teams and clients to understand data requirements and deliver tailored visualization solutions.
- **Scripting and workflow Automation:** Automated Workflow reports via **SQL** Stored Procedure.
- Successfully demonstrated improving trends in CSAT score by providing **24*7** Post Go-Live activity, Change Management and resolved queries via Freshdesk/JIRA/SNOW for **15+** customers.
- **Data Visualization:** Created Risk Dashboards on **PowerBI**, improving operational efficiency by 25%.
- **Team Collaboration:** Engaged in Pre-sales and delivered POC/Product Demo to customers.

PIXELSTAT PVT. LTD, Pune (IN) - *Front End Web Developer Intern*

May 2019 – July 2019

- **Software Development:** Contributed and built responsive and dynamic web page for LMS system to access e-learning material & attendance using **CSS, HTML, React JS** for **5k+** users.

SAHU TECHNOLOGIES, Pune (IN) - *Technical Content Writer Intern*

May 2020

- Created technical content for the company blog that attracted **100+** subscribers. Proofread and edited content created by fellow team members.

TECHNICAL SKILLS

Programming/Scripting Languages: Python, SQL, HTML, CSS, JavaScript
Data Analysis & Visualization: Excel, Tableau, Power BI, Matplotlib, Seaborn
Programming: Python (Pandas, NumPy), SQL
Data Tools: Jupyter, Git, GitHub
Statistical Methods: Regression, Hypothesis Testing, EDA
Others: HTML, CSS, Agile, AWS