

# AJAY KUMAR

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## EDUCATION

### University of Maryland Baltimore County – *Masters, Data Science*

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,

### 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

Exploratory Data Analysis on Food and Drug Administration dataset. Employed **Pandas, Numpy, Seaborn, Plotly, Matplotlib** Crime Data Analysis and Visualization. Build End to End Pipeline using **Azure Services, Python, Azure SQL & PowerBI**.

## WORK EXPERIENCE

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

Jul 2021 – May 2024

- Implemented Identity and Access Management solutions and improved CSAT score to **95%** in global regions (**50k+ users**).
- Led end-to-end Implementation using **Agile** methodologies and delivered UAM, PAM, UAR, SSO, MFA modules.
- Created **SQL** Stored Procedure for Automating Reports and workflows for user lifecycle management.
- Supported **24\*7** Post Go-Live activity via Freshdesk/JIRA/SNOW for **15+** customers.
- Created Risk Dashboards on **PowerBI** for improving operational efficiency.
- 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

- 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.

## EXTRA CIRCULAR

### Utthan Trust, New Delhi (IN) – *Volunteer*

Mar 2021

- Taught Elementary Arithmetic Math & science to primary school students from underprivileged backgrounds
- Organized awareness campaigns to educate communities and delivered public speeches on COVID-19, breaking down complex health guidelines into understandable information

### ROBOCON, Pune (IN) - *Volunteer*

Mar 2018

- Led a team of 5 volunteers to coordinate activities for a major tech event
- Crowd Management: Oversaw crowd flow and maintained safety protocols to prevent congestion.
- Facilitated clear communication by providing event schedules, locations, and other key information to attendees
- Identified and resolved issues related to GPIO pins and OpenCV library.

## TECHNICAL SKILLS

HTML, CSS, JavaScript, Python (for Data Science), SQL, AWS, PowerBI