

# AKSHAT KUMAR JAIN

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## EDUCATION

### B.E | Computer Engineering

Sept-2021 – Present

Thapar Institute of Engineering and Technology, Patiala

- CGPA: 9.78/10
- Related Courses: Data Structure and Algorithms, Machine Learning, Databases, Artificial Intelligence, Operating Systems

### XII Boards | CBSE

2021

The Wisdom Global School, Haridwar

- Percentage: 97%

## INTERNSHIP

### Cloud Infrastructure Intern [↗](#)

June 2023– July 2023

Mandatly, Surat

- Deployed Docker-based Mandatly API (.NET Core App) in Azure App Service, leveraging the benefits of Application Insights for insightful monitoring.
- Deployed the Mandatly Front-End (Angular) in Azure Storage with CDN, optimizing performance and considering cost implications.
- Leveraged DevOps CI/CD methodologies to streamline application deployment processes, ensuring efficient updates and maintenance of the Mandatly application.

## SKILLS

- Programming Languages: C++, Python, SQL
- Strong knowledge of Data Structures and Algorithms and Object Oriented Programming
- Data Analysis and Visualization: Pandas, NumPy, Matplotlib, Tableau
- Machine Learning: Regression, Classification
- Deep Learning
- AWS: IAM, EC2, ELB & ASG, S3, Route 53
- Azure: Virtual Machines, App Service, Azure Storage, Container Registry, Azure Front Door
- Ability to work independently or in a team environment.

## PERSONAL PROJECTS

### Recognition and Classification of Suspicious Human Activities [↗](#)

- Built a model using Tensorflow and Keras to recognize suspicious human activities in videos.
- Created a Convolutional LSTM model to classify suspicious activities like fighting and vandalism.
- The model can also detect bags in a motionless state for more than a certain time threshold.
- "Deep Learning Approach to Predict the Suspicious Activity" paper under progress.

### App Review Classifier [↗](#)

- Developed a machine learning model to classify app reviews into five categories.
- Participated in a Kaggle-based hackathon, finished 10th out of 37 teams. [↗](#)

### Cricket Score Predictor [↗](#)

- Created own dataset by using web-scraping through Selenium.
- Built a model to predict cricket scores based on certain inputs.
- Algorithms used – Linear Regression, K-Nearest Neighbor Regressor, RandomForest Regressor, Decision Tree Regressor

## CERTIFICATIONS

Foundation: Data, Data Everywhere | Coursera [↗](#)

Google Kickstart Round G (Rank 7150) [↗](#)

Intro to Deep Learning | Kaggle [↗](#)

AWS Academy Graduate – AWS Academy

Machine Learning Foundations [↗](#)

Intro to Machine Learning | Kaggle [↗](#)