



## AJEET SINGH

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### Machine Learning Engineer

Pune, Maharashtra

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9761917765

Dedicated and passionate learner seeking a position to leverage skills in an end to end ML production environment with a keen focus on both time-bound delivery and knowledge enhancement.

Willing to relocate: Anywhere

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## WORK EXPERIENCE

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### Machine Learning Engineer

Infosys - Pune, Maharashtra

June 2018 to Present

#### Projects

ATE (Automatic Text Extractor) for images:

Worked on the bill claims process of Infosys using open source ML libraries. Reduced the cost of human intervention through the solution deployed on the official app of Infosys on Play Store.

ATE for Searchable and Scanned PDFs:

Automated the process of travel claims for an internal unit of Infosys. Worked with computer vision and other open-source libraries to solve the typical case of table extraction from scanned PDFs. Deployed the solution using Docker.

Rules Recommendation:

Applied the Recommendation algorithms on one of a kind dataset. Experimented with different algorithms to find out the best fit.

Exploratory Data Analysis:

Made a tool, AutoEDA, to extract important insights from a given dataset. Information such as Correlation, frequency distribution was provided to help a person understand their data better.

Time Series Forecasting of Heart Beats:

Worked on forecasting heart beats of patient. The data was gathered using fit-bit devices.

This was a R&D use case. Applied various cleaning and stationarity techniques on the data before feeding into the algorithms.

#### Personal Projects

Multi-purpose Telegram Bot:

Made a Telegram bot which can do small talk while suggesting answers on Stackoverflow.com.

Working on a Portfolio project:

Made a ML solution and exposed it through an API hosted on GCP. Other details are confidential as it is still under process and if successful can be an IP of our group.

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## EDUCATION

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### **B.Tech in Electronics and Communications Engineering**

GLA University, Mathura - Mathura, Uttar Pradesh

August 2014 to July 2018

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## SKILLS / IT SKILLS

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Machine Learning, Natural Language Processing, Deep Learning, Python, Amazon web Services, GCP

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## ONLINE PROFILE

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<https://github.com/ajeetsingh02>

<https://medium.com/@ajeet.singh.ec14>

<https://www.linkedin.com/in/singhajeet23/>

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## CERTIFICATIONS AND LICENSES

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### **Machine Learning by Stanford University on Coursera**

February 2019 to Present

### **Natural Language Processing by National Research University Higher School of Economics on Coursera**

April 2019 to Present

### **Neural Networks and Deep Learning by deeplearning.ai on Coursera**

May 2019 to Present

### **AWS Technical Professional(online)**

June 2019 to Present

**Programming, Data Structures and Algorithms in Python by NPTEL**

March 2017 to Present

**Introduction to Recommender Systems: Non-Personalized and Content-Based by University of Minnesota on Coursera**

May 2019 to Present

**Nearest Neighbor Collaborative Filtering by University of Minnesota on Coursera**

June 2019 to Present

**Recommender Systems: Evaluation and Metrics by University of Minnesota on Coursera**

August 2019 to Present

**Matrix Factorization and Advanced Techniques by University of Minnesota on Coursera**

September 2019 to Present

**Mathematics for Machine Learning: Linear Algebra by Imperial College London on Coursera**

November 2019 to Present

**Mathematics for Machine Learning: Multivariate Calculus by Imperial College London on Coursera**

January 2020 to Present

**Intel® EdgeAI Scholarship Foundation Course Nanodegree Program**

January 2020 to Present

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## NGO, NON-PROFIT / STUDENT ORGANIZATIONS

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**E-Cell GLA University, Mathura**

May 2017 to June 2018

Associate Head of Event Management team

**Saturangle[debate club], GLA University, Mathura**

May 2017 to June 2018

President

**IRC Pune**

September 2019 to Present

Member of organizing team

**VOYDNA**

October 2019 to Present

Member of DNA unit's event organizing team.