

# Priyanshu Mehta

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## SKILLS

**Technical Skills :** Python, Java, SQL, JSON

**Proficiencies:** Problem Solving, Machine Learning (Supervised & Unsupervised), Data Analysis, Data Visualization, Regular Expressions, Web Scraping, Convolutional Neural Networks

**Tools and Libraries:** MS-Excel, Tableau, Git, Sklearn, Numpy, Pandas, NLTK, OpenCV, Flask RestAPI

## WORK & LEADERSHIP EXPERIENCE

### Tata Consultancy Services

*Developer, Analytics & Insights*

November 2020 – Present

- Worked in the Analytics & Insights team carried out **research, data analysis & visualization** and **developed POCs** for various product teams. **Mentored 1 intern** for an internship project.
- Developed an **Unsupervised Machine Learning** model that **automated work of 6 Manual FTEs** to merge similar data points for Logistic company's delivery data. **Decreased processing time by 95% and saved €150K per year.**
- Worked closely with Healthcare ISU to build **AI-powered ICD-10 Medical Coding** software in **Python** that attracted **2 new businesses**. Improved data extraction pipeline which **increased** working accuracy by **8%**.
- Built string pre- and post-processing module using **NLTK** and **Regular Expressions** for **Information Extraction in Python**
- Improved **image-processing** pipeline using **OpenCV** for **OCR** that improved **~10% precision** in text extraction.

### Arbunize Digital Media Pvt Ltd

*AI Developer Intern*

June 2019 – July 2019

- Worked on building resume parser for information retrieval by using **Natural Language Processing and Python**
- Established connection of resume parser to web application through **REST-API**

### Crelytics, LoanVidya

*Data Scientist Intern*

August 2018 – October 2018

- Built analytical dashboard for bank statements using **Python** and **Django**.
- Improved processing speed by **20%** for report generation through **code optimization**.

## PROJECTS

### Analysis of Expenditure Pattern

Analyzed and visualized **bank transactions data** from **ANZ Australia** using **Tableau** to understand customer's expenditure behavior.

### C3: Customer Churn Classifier

Customer churn classification on **E-commerce data** using **Supervised ML methodologies**. Compared **Logistic Regression, Decision Trees, Random Forest and SVM**.

## EDUCATION

### Guru Gobind Singh Indraprastha University

New Delhi, India

*B.Tech in Information and Technology (C.G.P.A - 8.73)*

2016-2020

#### Publications:

- **Communication of Speech Impaired People with Home Automation** - International Research Journal of Engineering and Technology [\[Link\]](#)
- **Methodology for Resume Parsing and Job Domain Prediction** - Taylor & Francis Journal of Statistics and Management Systems [\[Link\]](#)
- **Word-level Sign Language Gesture Prediction under Different Conditions** - Springer AISC series (ICICC) [\[Link\]](#)

### St. Xavier's School

New Delhi, India

*CBSE - XII - 95%*

2016

*CBSE - X - C.G.P.A - 10*

2014

## LEADERSHIP & AWARDS

- **Finalist**, Intel Pop-Up Incubator Hackathon at **TCS (2021)**
- **JK Pal Memorial Award** by **IEEE (2020)** and **Outstanding Student Volunteer Award** by **IEEE (2019)**
- **First Position** at **VIT-HACK'19 (36 Hour Hackathon)**
- **Chairperson**, IEEE Student Branch (2018-2020)

