

PRATIK KATARIA

hello@pratikkataria.com

[🌐 pratikkataria.com](https://www.pratikkataria.com) | [🐙 kpratik2015](https://github.com/kpratik2015) | [🌐 /in/pratikkataria](https://www.linkedin.com/in/pratikkataria) | [📺 /c/PratikKataria](https://www.youtube.com/c/PratikKataria)

PROFESSIONAL SUMMARY

A **graduate engineer trainee** at CITIC CLSA Ltd. A developer with keen interest in automation, problem solving, machine learning, android, web development and design. A collaborative developer and engineer with experience and education in object-oriented programming, scripting, and database development.

Professional skills and interests:

- **Programming in Python, Java, C++ and C**
- **Developing and leveraging databases**
- **Technical Troubleshooting and Debugging**
- **HTML, CSS, JavaScript, and Wordpress**
- **Git version control and Android development**
- **Machine learning and Artificial Intelligence**

PROFESSIONAL SKILLS DEMONSTRATED

[CITIC CLSA Ltd.](#)

2018 – Present

CLSA is an investment bank that is headquartered in Hong Kong and has more than 1800 employees globally. The company's clientele includes Olam International Limited, Max India, Singapore Post Limited, ITC Corporation Limited, Bharti Televentures Limited, and Videocon Industries Limited.

Graduate Engineer Trainee

I was placed in CLSA through campus placement. I am learning as well as helping out various teams in CLSA.

[MIT College of Engineering](#)

2014 – 2018

Established in 2001, MITCOE got ISO certificate from American Quality Assessors (AQA) a prestigious body especially in Europe & USA.

Throughout my college years I have participated in technical as well as non-technical activities. I have also published 2 papers titled 'User Adaptive Chatbot for mitigating Depression' and 'Scope of JavaScript in Data Analytics and Data Visualization'. From being a class representative for first two years to a successful dell campus ambassador, I received recognition for some of my contributions. The highlights are as follows:

- **All India 4th Rank in Dell Campassador Program 2017:** It involved yearlong social as well as technical activities representing Dell in my college. I managed studies along with the activities that dell charted on a monthly basis. Near the end of my third year in college I was invited to Dell Headquarters in Bangalore for receiving award.
- **Finalist in Smart India Hackathon 2017:** Did such and such quantified to make such and such impact while weaving recognizable brands, important and impactful projects, and details that help people visualize what you did.
- **Finalist in MTV Get a Job Season 2 2016:** I was among the 4 finalists for internship at Flipkart. It was held at Flipkart Headquarters, Bangalore for the position of Mobility Software Engineer. I was selected from more than 2 lakh candidates.

RELEVANT PROJECTS

Bot - Autonomous Emotional Support (BAES): Developed a chatbot to mitigate or prevent depression and improve positive quotient of a person. It was a web application consisting of chat interface and most of the

positivity boosting tools such as motivational quotes, motivational videos, ambient sounds, trending memes, etc.

Data for these tools was scrapped from reddit which enabled daily updates. Chat with chatbot was facilitated by Artificial Intelligence (AI) as well as non-AI components. Mood chart was created by doing semantic analysis that enabled user to self-analyze whether his/her statements to chatbot determined him/her as depressed or not.

Code base uses Python, Tensorflow, Django, Selenium, MongoDB, SQLite, HTML, CSS, and JavaScript. It was completed in March 2018.

[Sagarmitra.org](#): I was the project lead overlooking 3 others. We renovated the NGO website for better outreach of their organization internationally. It was completed in February 2017.

Exam Analyzer Mini-Project: MongoDB based Web Application for aggregating and analyzing questions data that increased ease of finding questions and ease of finding weightage of chapters in a subject. Code bases uses Java, Apache Spark, FreeMarker, JavaScript and MongoDB. It was completed in September 2016

[Programming Epitome](#): It's an android app that I created with a push from teachers to share important snippets of information for computer engineering students. It was completed in September 2016.

[International Conference on Intelligent Computing and Communication \(ICICC -2017\)](#): I developed and designed website for 2nd ICICC that took place in MIT College of Engineering. I worked with IT Department faculty as well as 3 other students. It was built over wordpress and completed in July 2016.

[Formulae Box](#): It was my first android application that I created during my first year in engineering. I wanted to understand android and help my friends to get important formulas in digital way. It currently has 5,000+ installs and users from India, Pakistan, US and many other countries.

EDUCATION

Bachelor of Engineering (Computer Engineering) Percentage: 69.33%. MIT College of Engineering (Pune, Maharashtra)

12th Maharashtra Board (Science/IT) Percentage: 76.92%. Fergusson College (Pune, Maharashtra)

10th Maharashtra Board Percentage: 92.00%. ST. Mary's High School (Jalna, Maharashtra)

OTHER RELEVANT INFORMATION

Programming Languages: Python (Advanced), Java (Advanced), C++/C (Intermediate), JavaScript (Beginner), SQL (Intermediate), MongoDB (Intermediate)

Computer skills: Adobe Photoshop (Intermediate), Adobe Illustrator (Beginner), Excel (Intermediate)