

# KAMAL KHUMAR

## Contact

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**Phone:**

+91 8946056166

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kamalkhumar22@gmail.com

## Links

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**Portfolio**

[kamalportfolio.netlify.app](https://kamalportfolio.netlify.app)

**LinkedIn**

[linkedin.com/in/kamal-khumar-b479b1191/](https://linkedin.com/in/kamal-khumar-b479b1191/)

**GitHub**

[github.com/kamal2230](https://github.com/kamal2230)

**Kaggle**

[kaggle.com/kamalkhumar](https://kaggle.com/kamalkhumar)

**Medium**

[medium.com/@kamalkhumar22](https://medium.com/@kamalkhumar22)

## Area of Interest

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- Data Science
- Machine Learning
- Business Analytics

## Career Objective

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Would intend to proffer sincere commitment by putting forth strong work ethics and creative ability into the work I am handed over and apply my skills so as to make my employment beneficial for the management and myself.

## Internships

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**NLP Engineer** – 07/2020 to Present

Tactii and TactLabs, Toronto, Canada

- Learning experience In **Natural Language Processing tools and modules** for its applications in text mining.
- Working on real world data using **SpaCy, CustomNER** and **Bert** modules.

**Web Developer** - 05/2019 to 06/2019

CodeBind Technologies, Chennai

- Developed fundamental programming skills as a front-end web developer in **HTML, CSS** and **Javascript**.
- Supplemented by learning of back-end web development using PHP, XML, and SQL.

**IoT Learner** - 04/2018 to 05/2018

NSIC, Chennai

- Enhanced primary knowledge in controlling all electronic devices to function in automated mode through internet.

## Education

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- Bachelor of Engineering (B.E): Computer Science & Engineering  
2017 - Present  
St. Joseph's College of Engineering, Chennai.  
Grade: 8.16
- High School (Grade 12): Computer Science  
2016 – 2017  
SSM Lakshmi Ammal Matriculation Higher Secondary School  
Grade: 94.6%
- Intermediate School (Grade 10)  
2014 – 2015  
SSM Lakshmi Ammal Matriculation Higher Secondary School  
Grade: 96.4%

## Skill Highlights

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- **Technical Skills:**  
Data Analytics, Data Science, Visualization, Tableau, Power BI, Machine Learning, Python, C, Data Structures, Jupyter, Pycharm, HTML5, CSS, SQL, Databases, Microsoft Excel.
- **Soft Skills:**  
Communication, Project Management, Hardworking, Diligent, Service-focused.

## Badges Acquired

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- IBM Data Science & AI
- IBM Data Analysis
- IBM Databases & SQL
- Tableau Data Scientist
- Tableau Analyst
- Tableau Author

## Honor & Awards

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- II place in St. Peter's Hackathon
- Finalist in CTS Hackathon
- **Special Award** on NOKIA Technology day.
- Got 75% scholarship in Codechef

## Projects

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### ➤ Text Classification with BERT model

**Description:** This Multi-label text classification project employees to classify a document or a text snippet that can belong to multiple classes. Here, Wikipedia comments are classified into one or more categories based on their so-called toxic content with BERT model.

**Link:** [github.com/kamal2230/Text-classification-with-BERT](https://github.com/kamal2230/Text-classification-with-BERT)

### ➤ Custom NER for Product Identification

**Description:** A classifier was developed to classify the reviews of Garnier product using NER which involved training of the model over hundred times to get an accurate result with minimum loss followed by deploying it using Flask app.

**Link:** [github.com/kamal2230/CustomNER](https://github.com/kamal2230/CustomNER)

### ➤ Human Activity Recognition Analysis

**Description:** Acquired dataset was prepared and cleansed followed by executing certain machine learning methods, and out of all finding that the random forest regressor performed best in predicting the user's activity by precision of 87%.

**Link:** [github.com/kamal2230/Human-Activity-recognition-analysis](https://github.com/kamal2230/Human-Activity-recognition-analysis)

### ➤ Podcast Recommendation System for Apple iTunes

**Description:** iTunes podcast data was extracted to build a recommendation system for iTunes users based on their past action and their podcasts history.

**Link:** [github.com/kamal2230/podcast-recommendation-system](https://github.com/kamal2230/podcast-recommendation-system)

### ➤ COVID-19 Visualization

**Description:** With COVID-19 cases increasing rapidly this dataset functions to carry information from various countries around the world in day to day basis. The dataset is drawn out in form of visualization to initiate user interaction for better understanding.

**Link:** [public.tableau.com/profile/kamal.khumar](https://public.tableau.com/profile/kamal.khumar)

## Mini Projects

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- Hera - women safety device
- Detecting Parkinson's disease
- Joke Rating Predictions
- Flappy Bird Game – AI

## Workshops Attended

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- Web Designing and Android Development
- Internet of things
- Youth Technology Summit
- Cyber Security

## Industrial Visits

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- ISRO Satish Dhawan Space Centre, Sriharikota
- Neyveli Lignite Corporation (NLC), Neyveli
- Cognizant Technology Solutions (CTS), Chennai

## Certifications

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- ❖ **IBM Data Science Specialization**  
IBM - Coursera
- ❖ **Tableau Desktop and Prep**  
Tableau
- ❖ **Data Analytics for Decision Making**  
Future Learn - Accenture
- ❖ **Applied Text Mining in Python**  
University of Michigan – Coursera
- ❖ **Assesment on Python & Problem Solving**  
Hackerrank
- ❖ **Data Analyst – Learning Path**  
LinkedIn Learning
- ❖ **Microsoft Engineering: Undergraduate & Masters**  
Microsoft – Inside Sherpa
- ❖ **Cambridge Assesment – BEC**  
Grade B - Vantage

## Competitions

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- Participated in **Online Data Analytics Hackathon (JANATAHACK)** hosted by Analytics Vidhya - May 2019.
- Winner in **St.Peter's Hackathon** organised by St.Peter's University.
- Participated in **Technical & Non-Technical Events** held at Madras Institute of Technology.
- Participated in **Exotica-2K19** organised by Jeppiaar Institute of Technology.
- Participated in **Hack Summit** conducted at SRM Institute of Science and Technology.

## Declaration

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I solemnly declare that the above furnished information are correct and true to the best of my knowledge and belief.

Signature:  
*Kamal Khumar*