SHUBHAM KUMAR  
MCA-National Institute of Technology, Karnataka

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# Skills

**Languages:** C, C++, Core Java, JavaScript, Node.js, SQL, MongoDB

**Concepts:** Data structure & Algorithms, Competitive Programming, Object-Oriented Programming, Machine Learning, Operating System, Database Systems.

# Projects

### House Valuation Tool (Multivariable Regression, Machine Learning, Python)

* Predict the House Price in Boston City on the basis of different features.
* Histograms are used to graphically represent effect of features on House price.
* Achieved 7% better accuracy by using Log Transformed Price as target values.
* **Variance Score:** 0.74
* **Library Used:** NumPy, Matplotlib, Sklearn, Pandas.

### Bug Tracking System

* xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
* xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
* **xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx**

### Ecommerce Website

* Lorem ipsum dolor sit amet, consectetur adipiscing elit.
* Aenean ac interdum nisi. Sed in consequat mi.
* Sed pulvinar lacinia felis eu finibus.

### Spam Detector (Machine Learning, NLTK, Pandas, Bag of Words, Naive Bayes)

* Classify given mail into Spam or Ham mail using Naive Bayes Classifier.
* Bag of words model is used to represent data.
* **Accuracy Score**: 0.98

# Education

### Masters of Computer Application - National Institute of Technology, Karnataka

* **Bachelor of Computer Application -** Himachal Pradesh University (Shimla)
* **Senior Secondary (12th) -** Jawahar Navodaya Vidhyalaya, Nahan
* **Secondary School (10th) -** Jawahar Navodaya Vidhyalaya, Nahan

# Achievements

* **Overall Winner -** Version 2019 - All India MCA meet at NIT Trichy.
* **Overall Winner -** Nakshatra’20 - All India MCA meet at NIT Calicut.
* **First Position** - Code Chamber at ‘Version 2019’ - All India MCA meet at NIT Trichy.
* **First Position** - In Events Topsy Turvy, Enigma at ‘Nakshatra’20’ - All India MCA meet at NITC
* **Club** - Active Member of Mind Fuel Club NITK.
* **First Position -** Inter-Branch Cricket Tournament at NITK.