

# Mudit Wadhwa

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github.com/wmudit

## Skills

### Programming

#### Languages:

Java, C++, Python

#### Backend:

Node.js, MySQL, PHP  
MongoDB

#### Frontend:

HTML, CSS, Bootstrap,  
JavaScript, jQuery,  
AJAX

#### Cloud Computing:

AWS – EC2, S3, Glue,  
Athena, Lambda, RDS,  
DynamoDB, Simple  
Queue Service,  
CodeBuild

## Education

**Maharaja Agrasen  
Institute of Technology,  
New Delhi** – B.Tech  
Computer Science &  
Engineering  
**8.26/10 CGPA**

**AUG '15 – MAY '19**  
Data Structure &  
Algorithms, Object  
Oriented Programming,  
Java Programming,  
Algorithm Design &  
Analysis, Software  
Engineering, Web  
Engineering, Computer  
Networks, Artificial  
Intelligence, Operating  
Systems, Data Mining,  
Mobile Computing,  
Machine Learning

## Volunteer Work

**Manthan SVK (DEC '16  
– JAN '17)** - Taught  
underprivileged  
children from grade 1<sup>st</sup> -  
5<sup>th</sup> subjects like Maths,  
English and Hindi

## Experience

**Bungee, Gurugram** - Software Development Engineer JUN '19 – Present

- Developed & remodelled e-commerce stores data crawlers
- Contributed to the migration of a new pipeline for end-to-end data generation
- Coded serverless applications to automate report generation and sending it to appropriate parties
- Designed & built backend for a feedback loop mechanism

**EYB India, New Delhi** - Software Development Intern JUN '18 – APR '19

- Designed frontend of websites using HTML, CSS, Bootstrap, JavaScript & jQuery
- Programmed the backend in PHP and MySQL
- Deployed websites on Amazon EC2
- Established e-commerce stores using Shopify

**Urmad Solutions, New Delhi** - Software Development Intern JUN '17 – JUL '17

- Developed Counselling Android application using Java
- Used Firebase for Authentication and Database
- Integrated YouTube API to play videos within the app in the form of pop-up player

**Acme Graphix, New Delhi** - Software Development Intern JUN '16 – JUL '16

- Designed websites using HTML, CSS, JavaScript
- Managed websites like iskconpunjabibagh.com and lokanathswami.com
- Developed and maintained the backend in Wordpress

## Projects

**Search Engine** (<https://github.com/wmudit/Search-Engine>)

A search look ahead implementation in a dictionary of 370k words like the one used in search engines like Google.

**Web Crawler** (<https://github.com/wmudit/Myntra-Crawler>)

A Node.js web crawler to gather data from a fashion e-commerce website using the Google Puppeteer library.

**Floofster** (<https://github.com/wmudit/floofster>)

A progressive web app where users can share their pet stories in the form of images, gifs and videos with everyone.

**Word Meanings** (<https://github.com/wmudit/Word-Meanings>)

Python script that uses Oxford Dictionary API to fetch meanings and example sentences for a list of words stored in a csv format.

**Simpsons Character Recognition** (<https://github.com/wmudit/Simpsons-Character-Recognition>)

Used Convolutional Neural Network to recognize the characters from The Simpsons TV show.

**Talking Agent** (<https://github.com/wmudit/Talking-Agent>)

Android app developed using Java that uses Dialogflow API to allow the users to interact with a virtual agent in natural language and get responses from the agent to maintain a conversational flow.

**Credit Card Fraud Detection** (<https://github.com/wmudit/Credit-Card-Fraud-Detection>)

Machine Learning models like Gaussian Naive Bayes Classifier, Logistic Regression, K Nearest Neighbors, Decision Tree Classifier and Support Vector Classifier have been used to predict credit card fraud.