

Ashish Varghese Muttumana

(+91) 9868585385

myemailid109@gmail.com



ASHISH VARGHESE M

COMPUTER SCIENCE ENGINEER

EDUCATION

GGSIIP UNIVERSITY

Bhagwan Parshuram Institute of Technology

B. Tech in Computer Science Engineering

Graduating: July 2021

Delhi, India

SKILLS

LANGUAGES

Python, R, SQL, NoSQL Java, C++, C, JavaScript, HTML, CSS, Ruby, Kotlin, Scala, Bash, Ruby, Dart, Pug, Handlebar, C#, Swift, XML/JSON

TECHNOLOGIES

React, Vanilla, Veu, Hapi, Sails, Express, MongoDB, Firebase, Rails, Postman, Unity, Maya, Unity, JS-Phasor/Babylon, Django, AWS, Google Cloud, Digital Ocean, Heroku, Docker, Kubernetes, Linux, Oracle 18g

CONCEPTS

Machine Learning, Natural Language Processing, Data Science, Deep Learning, Computer Vision, Android, Web Development, Factory Handel Design, AR, VR, Game Development

EXTRACURRICULAR

HULT Prize 2020 @BPIT – Student Relations Director (Fall 2019)

It is a competition for entrepreneurs conducted by the HULT Prize Foundation in collaboration with the United Nations and HULT International Business School.

Student Sports Coordinator

(Fall 2018 – Present)

I am the Basketball Team Captain as well as the student sports coordinator of BPIT.

Secretary IEEE @BPIT

IEEE student branch of BPIT.

Hobbies: Reading, Basketball, Participate in debates, and public speaking events.

EXPERIENCE

MCA INDUSTRIES

Delhi, India

Data Analyst Intern

(Dec 2019-Feb 2020)

Developed an algorithm to retrieve data scattered across other formats such as image, PDF, web pages, scanned copy, etc., then applied data visualization techniques to study the accounts of past years.

BPIT CSE RESEARCH LAB

Delhi, India

Undergraduate Researcher

(Oct 2019-Feb 2020)

Plagiarism Detection: The work shows the viability of "deep features" in the undertaking of grouping task program entries as copy, partial-copy, and non-copy by bunching systems. Here we have created a Database containing sets of synonyms in the tabular form; it covers a variety of words containing a total of 100,000 words. (Accepted to be published in Springer(LNNS) series)

Research Intern

(Jan 2019- Apr 2019)

Helped the research team in data cleaning. The research was focused on analyzing the extent of cyber-attacks in various countries across the globe. By analyzing the tweets related to cyber-attacks and its surrounding fields. (Published in [IJEAT](#))

ATS INFOTECH

Delhi, India

Application Developer Intern

(Jun 2019–July 2019)

I developed a cross-platform mobile application for "budget calculation and prediction" used by the employees. Each employee's corporated expense is collected by the app. The apps UI shows the trend of the expenses and recommendations to optimize it.

PUBLICATIONS AND PROJECT

Plagiarism Detection using Deep Based Feature combined with SynmDict

I am the lead author of the paper in which we proposed a much more detailed method to inspect for plagiarism(Accepted by Springer(LNNS) Series)

Cuisine booking website

One can book cuisine plans. It is built using node.js, express, postman, MongoDB, sharp, Stripe(payment), multer, nodemailer, JSON web tokens, etc. It contains multiple authorization routes for administrator, user, restaurant owner, the delivery boy. ([GitHub](#))

JPMorgan Chase & Co. software development

Use of NodeJs and React for building Visualization Graphs of the stock price, working on Perspective Framework provided by JPMorgan Chase & Co. for Data analysis. Understanding the trading workflow and impact of correlation between stocks and making use of Python and git. ([Github](#))

AWARDS

Presidential Award for Scouting

(2016)

Received the award from the President of India(Pranab Mukherjee) for showing outstanding leadership quality and bravery.

Winner of HULT Prize 2019 @BPIT

(2018)

We created an app to help reduce landfills in the cities by bringing the garbage collectors of the unorganized sector to be organized.

Runner up hackDTU @DTU

(2019)

We deployed a project in which we can detect hostile personnel and take them down—thus saving the life of our valuable soldiers.