

# Kapil Semwal

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## EDUCATION

### NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY

B.TECH IN COMPUTER SCIENCE (DATA SCIENCE)

Grad. June 2024 | CPGA - 8.17

### VIDYA BAL BHAWAN PCM

Grad. May 2020 | CPGA - 7.7

## LINKS

Github:// kskapil08

LinkedIn:// kapilsemwal

LeetCode:// kskapil08

## COURSEWORK

### UNDERGRADUATE

Machine Learning

Data Structures

Algorithms

Operating Systems

Database Management Systems

Data Science

Design Thinking

## SKILLS

### PROGRAMMING

Languages:

- Advance:- Java, Python
- Intermediate:- C
- Novice:- JavaScript

Tools:

- Git • Windows • MongoDB • Power BI

Framework and library:

- Django • PySpark • Pandas • Sklearn

Technologies:

- CSS • HTML • MySQL

### OTHERS

- Reading books • Playing Football.

### CO-CURRICULAR ACTIVITIES

- Volunteer at IEEE Global Conference.
- Organised and Coordinated AI Event.
- Technical Head at Emerge-X.

## EXPERIENCE

### THE SPARK FOUNDATION | DATA SCIENCE AND BUSINESS ANALYTIC INTERN

OCT 2022 | New Delhi, DL

- Developing and implementing machine learning algorithms, such as linear regression and k-means clustering, to solve business problems and predict outcomes.
- Analyzing and interpreting data to identify trends, patterns, and relationships.
- Assisting with the design and execution of data-driven projects and initiatives.

## PERSONAL PROJECTS

### CAR IMAGE CLASSIFICATION SYSTEM USING CNN | PYTHON, ML

July 2022

- Developed a machine learning project using convolutional neural networks to classify car images into different categories based on their make and model.
- Conducted data collection and preprocessing, model development, hyperparameter tuning, and evaluation to optimize the model's accuracy and performance.
- Deployed the model on a web or mobile application to classify new car images, providing an automated and efficient solution for automotive companies, marketing agencies, and researchers.

### COURSE MANAGEMENT SYSTEM | JAVA

Sept 2022

- Developed a course management system using Java to facilitate the organization and administration of educational courses.
- The system allows professors to create and manage course materials, assign grades, and communicate with students. It also enables students to view their schedules, submit assignments, and view their grades.
- This project demonstrates my ability to use Java to develop a functional course management system. It also showcases my skills in using frameworks and libraries, as well as your attention to detail in testing and debugging the system.

### QR CODE MENU GENERATOR | JAVASCRIPT, HTML, CSS

Feb 2023

- Developed a cost-effective QR Code Menu Generator tool for local food shops to create digital menus that can be accessed by customers using their smartphones.
- Created an easy-to-use menu editor with customizable templates, photo and description options, and contactless ordering and payment features for a safer and more convenient customer experience.

## CERTIFICATIONS AND ACHIEVEMENTS

- AON CoCubes 97 Percentile (604 Marks)
- Data Analysis Using Python -IBM
- Data Foundation -Google
- Virtual Developer Experience -Accenture
- Java Programming Fundamentals -Infosys