# Kartikey Gupta

+91 9336275101 | g.kartikey.1104@gmail.com | LinkedIn | Git Hub | Leet-Code | GfG | Portfolio

## PROJECTS

**QR Navigated Parking System (APRIL 2024)**
- Users can book parking slots via QR codes, requiring only a car number and phone number.
- Database efficiency is increased by 27% by using simple MONGODB Queries.
- Reduces parking management costs for by 40% through QR-based slot booking.
- **Secured 2nd place in INNOCODEATHON 2024 for it's innovation.**

**Drive-Connect: Driving Learning System (MARCH 2025 - PRESENT)**
- Drive-Connect is a driving learning System built with the help of MERN stack.
- UI load time reduced by 30% with lightweight rendering (SPA).
- Increased user engagement by 40% using interactive animations.
- JWT Authentication and implemented role-based access control.

**Sale-Sage: Sales Prediction System (JANUARY 2025 - MARCH 2025)**
- It is a Sales Prediction web app, built using Regression Techniques.
- Improved sales prediction accuracy by 29.07% using AdaBoost and Decision Tree Regressor.
- Reduced model training time by 18.53% through optimized data preprocessing.
- Developed a ReactJS frontend with a Flask-based API for real-time insights.

## TECHNICAL SKILLS

- **Frontend:** ReactJS, HTML, CSS, JavaScript, Tailwind-CSS
- **Backend:** NodeJS, Express, Mongoose
- **Database:** MongoDB Atlas, MongoDB Compass, SQL, Oracle
- **Programming Languages:** C, C++, Python
- **Coursework:** DBMS, Data Structures, OOPS, Operating System
- **Other Skills:** Database Management, Web-Hosting, Git, Debugging

## EXPERIENCE

**DSA Training Assistant at ABES Engineering College (SEPTEMBER 2024 - PRESENT)**
- Guide 3rd-year students in DSA concepts and Python Language.
- Conduct sessions, clear doubts, and explain code implementations.
- Strengthened communication and teaching skills while revisiting core DSA topics.

## EDUCATION

ABES ENGINEERING COLLEGE (2021 – 2025)
Bachelor of Technology | Computer Science | CGPA: 7.7

SARASWATI VIDYA MANDIR INTER COLLEGE (2020 – 2021)
CBSE Board | Intermediate | 74.20%

SARASWATI VIDYA MANDIR INTER COLLEGE (2018 – 2019)
CBSE Board | High School | 80.16%

## ACHIEVEMENTS

- **Winner of INNCODEATHON Hackathon 2024**
- **Winner of Internal Smart India Hackathon 2023**
- **Ranked 1066 out of 440000 at TCS Codevita**
- **Student Organizer of IEEE Conference 2024-25**

## CERTIFICATIONS

- **IBM:** Data Science Tools Certificate
- **Infosys:** Programming with C++ Certificate
- **Infosys:** JavaScript Certificate
- **Infosys:** Data Structures and Algorithms