

# Kushal Dahiya

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## EDUCATION

### Delhi Technical Campus, GGSIPU

B.Tech in Computer Science and Engineering - 9.4 CGPA

Delhi

2020 – 2024

### XII - M.G. Public School

CBSE Board - 74.0%

Muzaffarnagar, UP

2019

### X - M.G. Public School

CBSE Board - 8.6 CGPA

Muzaffarnagar, UP

2017

## TECHNICAL SKILLS

**Languages:** Java (Proficient), Python, C/C++

**Database:** MySQL, Oracle, PostgreSQL

**Developer Tools:** VS Code, Eclipse, Maven, Terminal, Git, GitHub, Jira

**Libraries:** OpenCV, Apache PDFBox

**Fundamentals:** Data Structures & Algorithms, DBMS, Object-Oriented Programming, Operating System

## INTERNSHIP

### Techbets Infotech Pvt. Ltd.

Software Developer

Jun. 2024 – Oct. 2024

Noida

- Integrated custom email messaging and WhatsApp Business API for bulk user communication.
- Developed graphical reports using Apache PDFBox, enhancing data visualization and presentation.
- Implemented image enhancement and scanning for Barcodes and QR codes, supporting bulk data processing.
- Created a Swing-based messaging GUI and integrated.

## PROJECTS

### Revolutionizing Transaction Security | Python, MTCNN, Fernet, OpenCV, MySQL

- Integrates the credit card with users face for enhanced biometric security
- Achieved 96.977% accuracy with MTCNN (Multi-task Cascaded Neural Network).
- Implemented credit card fraud detection using Luhn's algorithm (Checksum).

### Hospital Management System | Java, Servlet, JSP, Oracle Database

- Manages patient records, consult specialist, administrator for adding and removing doctors
- Manages information and data related to users, doctors, patients.

### Student Online Portal | Java, SprintBoot, JSP, PostgreSQL Database

- Manages student registration, admit card download, administrator for adding and removing student and teachers
- Manages information and data related to exam schedule, Olympiads creation and deletion

## CERTIFICATION AND TRAINING

### Introduction to programming using Python

Microsoft Technology Associates

June 19, 2021

online

- programming fundamentals
- Data Structure, algorithms and flowcharts
- Python Libraries: Numpy, Matplotlib, openCV
- Introduction to Artificial Intelligence

## ACHIEVEMENTS

### Published Research Paper: | Published in *IEEE* 2024

- Presented Research paper on "Evolving Payment Transaction: Credit card reader using multifunctional cascaded neural network" at International Conference on Computing, Power, and Communication Technologies by IEEE.'