

# Akanshika Gandhi

Delhi | 9810671295 | akanshika.gandhi@gmail.com | linkedin.com/in/akanshika

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## CAREER SUMMARY

Detail-oriented ZOS developer with more than a year of hands-on experience in designing, coding, testing, and maintaining applications on the z/OS platform. Proficient in programming languages such as COBOL and proficient in SQL for database interactions. Demonstrated ability to collaborate effectively in team environments, adhere to project timelines, and troubleshoot technical issues. Eager to leverage skills in development to contribute to innovative solutions and support business-critical operations.

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## WORK EXPERIENCE

### Application Developer, IBM Pvt Ltd.

April, 2023 – Present

- Experience in working on projects within the insurance domain.
  - Coded and integrated new modules into existing z/OS systems, ensure compatibility and smooth operation with other components of the mainframe environment.
  - Coordinated with IT support team, system administrators, database administrators, and business analysts to ensure that client support and project requirements are developed and implemented successfully.
  - Wrote unit tests, performed integration testing, and debugged programs to ensure they meet functional requirements and operate correctly within the z/OS environment.
  - Analysed and executed various batches using job control language (JCL).
  - Utilized JavaScript to make the front-end webpages more dynamic and interactive.
  - Prepared technical specifications to facilitate knowledge transfer.
  - Implemented security best practices and ensure compliance with relevant regulations.
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## EDUCATION

### J.C. Bose University of Science and Technology, YMCA

Master's Degree in Computer Science, 2022

- GPA – 8.5
- Worked on research project titled Covid-19 cases prediction.

### The NorthCap University, Gurugram

Bachelor's Degree in Computer Science, 2020

- GPA – 7.4
  - Relevant coursework: Object-oriented Programming, Data Structures and Algorithms, Database Management System
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## INTERNSHIPS

### WordPress Developer, SI Telecom Private Limited, April – June, 2021

- Designed and developed custom WordPress themes from scratch
- Utilized various plugins and widgets to add functionality to WordPress websites
- Worked with clients to gather requirements and create detailed specifications

### Software Development Intern, Powerful Technologies, May – July, 2019

- Wrote code to improve functionality of existing programs
- Assisted senior programmers with code debugging
- Carried out continuous identification, measurement, and improvement of processes.

### PHP Web Developer, Ducat Pvt. Ltd, May – July, 2018

- Understood the PHP fundamental programming concepts and gained the skills necessary to develop programs in PHP.
  - Implemented the project named Online Shopping Store which is a web-based application using PHP as front end. Also, it uses MySQL as relational database (RDBMS).
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## PROJECTS

### 1. Weather Forecasting using Machine Learning

**Key Skills:** Machine learning

The model is trained to forecast weather using machine learning algorithm. To evaluate the predictions, Mean Absolute Error metric is used.

### 2. Real Time Face Recognition using Python

**Key Skills:** Computer vision, Python Programming, Object detection, Facial recognition

A model for real-time human face recognition is implemented with python and opencv. It is capable of locating and visualizing the human faces in any digital image.

### 3. Electricity Bill Calculator using Java

**Key Skills:** MySQL, Java, JDBC, Java Swing

This is a GUI System made using Java Swing. It has Database connectivity and uses JDBC to connect to MySQL.

### 4. Bus Reservation System using C++

**Key Skills:** C++, object-oriented programming

This program allows user to add bus details and reserve a bus seat according to vacant seat available

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## CERTIFICATIONS

- Python Programming
  - C & C++ Programming by IIT Bombay
  - SQL by Hackerrank
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## TECHNICAL SKILLS

- C & C++ Programming
  - Python Programming
  - Machine Learning
  - HTML, CSS, Javascript
  - SQL
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## SOFT SKILLS

- Problem solving
  - Effective communication
  - Time management
  - Adaptable & agile
  - Ambitious & mindful
  - Organizational & Interpersonal skills
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## ACHIEVEMENTS

Published a research article entitled "A Survey on COVID-19 Severity Prediction using Various Models" in the International Journal of Information Technology and Electrical Engineering (ITEE).