

# Utkarsh Gupta

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## EDUCATION

### **Bachelors of Technology in Computer Science and Engineering** **Dr. A.P.J. Abdul Kalam Technical University**

2018 – 2022 | Ghaziabad, India  
GPA - 8.38/10

### **12th Standard** **City Montessori Inter College**

2017 – 2018 | Lucknow, India  
Grade - 89%

### **10th Standard** **City Montessori School**

2015 – 2016 | Lucknow, India  
Grade - 90%

## SKILLS

Python | SQL | Git | Flask | Bash  
AWS | Pandas | Docker | Django

## PERSONAL PROJECTS

### **Crop Recognition Using Deep Learning Techniques** **Major Project**

2021 – 2022

- Tech Stack - Python
- Description - Developed a crop recognition project utilizing Deep Learning techniques, primarily Python-based, to enhance accuracy and efficiency in identifying crops through image analysis

### **Sudoku Solver**

06/2020 – 07/2020

- Tech Stack - Python, Pygame
- Description - Created a user interface for playing the game of Sudoku. Implemented a solving feature utilizing the backtracking algorithm to find solutions for solvable Sudoku games.

## PROFESSIONAL EXPERIENCE

### **Consultadd** **Software Engineer 1**

07/2022 – present | Pune, India

- Successfully migrated a software application from Bash to Python, improving code readability, maintainability, and scalability.
- Designed RESTful APIs with Flask and Django, incorporating features like serialization, pagination, and versioning in Django Rest Framework for seamless front-end to back-end communication.
- Developed FastAPI APIs for retrieving data from a SQL Server database and seamlessly integrated them with an Angular front-end, enabling users to perform CRUD operations directly through the website for efficient data manipulation.
- Integrated Microsoft Excel as a data source seamlessly into a RESTful API using Flask, leveraging the pandas library for efficient data manipulation.
- Cleaned and transformed data using SQL and Python scripts, loading it into Snowflake data warehouse tables for effective querying and analysis.
- Managed code versioning with Bitbucket and GitLab, enabling version tracking and supporting Continuous Integration/Continuous Deployment (CI/CD) processes.
- Handled substantial data volumes in AWS S3, utilizing its scalability, durability, and cost-effective storage capabilities. Developed Python-based AWS Lambda functions for tasks such as data processing, file transformations, and data integration.
- Conducted automated testing with Pytest and Unittest libraries to ensure code quality and reliability.

## AWARDS

**Employee of the Month for 4 months in a Row**

**Star Performer for 3 Months in a Row**