

# ANKIT CHAUBEY

## Software Engineer

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📍 Ghaziabad - India

in [Linkedin](#)

🔗 [Github](#)

[Leetcode](#)

## EXPERIENCE

### Junior Developer

#### [Saltoris Technologies](#)

📅 Oct 2023 – Present

📍 Noida, Uttar Pradesh

- Developed and trained a machine learning model using **TensorFlow/Keras** for automated water meter reading.
- Enhanced accuracy by integrating **OpenCV**-based contour detection techniques, improving performance in complex environments.
- Designed and implemented a **FastAPI**-based API for real-time image processing, integrated with IoT devices and supported by **NumPy**, **cv2**, and **base64** for image handling.
- Implemented **JWT**-based authentication and **MongoDB** to secure API endpoints and ensure data privacy and controlled access.
- Led end-to-end cloud deployments, managing internal environments on Google App Engine and client-side deployments on AWS Elastic Beanstalk & GCP Cloud Run.
- Conducted R&D on document automation, implementing solutions for automatic PPT generation, document parsing, and intelligent data extraction.
- Working on an Estimation Engine as part of a workflow system using FastAPI & MongoDB,
- Made necessary code modifications to support different deployment environments, improving compatibility and performance.

### Junior Executive - Full Stack Developer

#### [Akus It Solutions Pvt Ltd](#)

📅 Feb 2023 – Aug 2023

📍 Noida, Uttar Pradesh

- Document Management and Network Monitoring Systems using HTML, CSS, JavaScript, Python, Django, and Pysftp, boosting usability and reliability.
- Adopted key network technologies to improve efficiency and tailor solutions to client needs.

## TECHNICAL SKILLS

- **Programming Language:** Python
- **Data Analysis:** Pandas, NumPy
- **Web Frameworks & APIs:** Django, FastAPI, RESTful APIs
- **Version Control:** Git, GitHub, GitLab, Docker, CI/CD Pipelines
- **Deployment & Cloud Services:** AWS (Elastic Beanstalk), GCP (Cloud Run, App Engine)
- **Machine Learning:** ML

## EDUCATION

B.Tech. (CSE) - 8.13 CGPA

**Mahatma Gandhi Mission College of Engineering and Technology**

📅 2019 – 2023

📍 Noida, Uttar Pradesh

Higher Secondary - 73.8%

**Commercial Sr. Sec. School**

📅 2019

📍 Daryaganj, Delhi

Secondary - 8.8 CGPA

**S.C.H.G.B.S.S.S**

📅 2017

📍 MAYUR VIHAR - 1, Delhi

## PROJECTS

### [Attendance System](#)

- Python | OpenCV | Tkinter | PIL (Python Imaging Library)
- Led the development of a Face Detection app with OpenCV, Tkinter, and PIL. Features include image browsing, face detection from images/videos, and real-time webcam face detection, demonstrating expertise in computer vision and GUI development. [Github](#)

### [Django CRM System](#)

- Python | Django | HTML/CSS | SQLite
- Implemented Django's authentication for secure user management. Designed CRUD operations for customer records, enhancing user experience and data management within the application. [Github](#)

### [Weather App](#)

- HTML | CSS | Javascript | OpenWeatherMap API
- Created a web application with HTML, CSS, and JavaScript that allows users to check real-time weather conditions for any city using the OpenWeatherMap API. [Github](#)

## ACHIEVEMENTS

- Published a research paper titled 'Leaf Disease Prediction'