



# Kitanshi Singh

## Python Developer

### My Contact

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### Hard Skill

- Python
- Django
- Numpy
- Pandas
- OpenCV
- Data Analytics
- API Testing,
- CI/CD Pipelines
- Github
- Full Stack Development (React.js, Node.js, MongoDB, SQL)
- Google Cloud Platform (GCP)
- ERP Development (ERPNext)
- MySql
- Microservices

### Education Background

- **AKTU University**  
*B.tech CSE*  
Completed in 2023

### Certifications

- AIF Foundation  
*Certificate in Data Analytics*  
Completed in 2022
- IEC College Of Engineering & Technology  
*Certification in Python*  
Completed in 2021

### About Me

Experienced Python and Django Developer with 2 years of full-stack development experience, specializing in data analytics, API development, and ERP systems. Expertise in Python libraries such as Numpy, Pandas, OpenCV, and frameworks like React.js, Node.js, Django. Proven ability to manage CI/CD pipelines, microservices architecture, and handle complex data processing tasks, striving for efficient, scalable solutions.

### Professional Experience

#### Python Software Developer

Aksum Trademart Pvt Ltd | 01/2023 – Present

- Led ERPNext development, including custom doctypes and data manipulation, integrating with GCP for automation.
- Overhauled the company's website, handling DevOps pipelines, API testing, and deployment.
- Utilized Numpy and Pandas for advanced data analytics, optimizing ETL processes in ERP systems.

#### R&D Engineer – SOFTWARE

Inverted Energy Pvt Ltd | 05/2022 – 01/2023

- Developed desktop applications using Python and PyQt/PySide for battery management systems, using real-time data.
- Managed data pipelines on GCP, working on real-time data manipulation and automation.
- Implemented live data fetching and developed robust solutions for battery monitoring systems.

### Projects

#### Serial Communication Interface

- Created a Python-based interface using QT Designer for hardware control via serial communication, improving real-time system monitoring for IoT applications.

#### Google Form Clone

- Built a collaborative form tool using Node.js and React.js, enabling real-time data collection and visualization with advanced analytics and secure API integration.

#### ERPNext Customization

- Overhauled ERP systems by developing custom doctypes and leveraging Pandas for automating data workflows, resulting in a 20% improvement in efficiency.