

# Sakshi Sharma

this.is.sakshi.sharma@gmail.com | thisissakshi.github.io

## EDUCATION

Gyan Ganga Institute of  
Technology and Sciences  
BE in Information Technology  
May 2018 | Jabalpur

## LINKS

GitHub: **ThisIsSakshi**  
LinkedIn: **its-sakshi**  
LeetCode: **Sakshi-Sharma**  
HackerRank: **ThisIsSakshi**  
StackOverflow: **sakshi-sharma**

## SKILLS

### Languages

Python

### Backend Frameworks

Flask • Django

### Databases

PostgreSQL • MongoDB • SQL  
• SQLite

### ORM / Data Layer

SQLAlchemy 2.0 • Data  
Modeling • Relational Schema  
Design

### Architecture

REST APIs • Workflow Systems  
• RBAC • Transaction

Management • Audit Logging  
Tools

Git • Jira • Jenkins • Heroku •  
Azure

### Libraries

Pandas • Numpy • PyMuPDF •  
PyPDF4

## CERTIFICATIONS

- UStar Recognition Award (2022)
- UST CodeGround Competition 3.0 Finalist (2022)
- UST CodeGround Competition 2.0 Finalist (2020)

## EXPERIENCE

### PYTHON DEVELOPER | NET SQUARE SOLUTIONS

Jun 2024 - Present

#### Budgio – Financial Governance Platform (BT)

- Architected and developed an end to end budget request and multi level approval system with role based access control and status lifecycle management.
- Designed normalized PostgreSQL schema supporting budget allocation, amendments, transaction tracking, asset tagging, and audit trail logging.
- Technologies: Python, Flask, PostgreSQL, SQLAlchemy 2.0.

#### Snoopcon (BT)

- Developed internal event management system handling guest operations, attendance tracking, logistics, and asset allocation.
- Built REST based modules for check in workflows, hotel management, and inventory mapping.
- Technologies: Python, Flask, PostgreSQL, SQLAlchemy 2.0.

### LEAD SOFTWARE DEVELOPER | UST GLOBAL

Nov 2018 - Jun 2024

#### SmartSolve (NetApp)

- Migrated backend services to ASUP.NEXT platform ensuring data continuity and reliability.
- Implemented parallel processing for optimized REST API data retrieval improving performance and throughput.
- Technologies: Python, Nuclio, Solr, MongoDB.

#### Benefit Validation System

- Engineered automated validation workflows for insurance software systems ensuring functional compliance.
- Built scalable backend services using Flask with MongoDB integration on Azure.
- Technologies: Python, Flask, MongoDB, Azure.

#### Internal HR & Finance Automation

- Designed automated ticketing and document processing systems for internal operations.
- Implemented PDF parsing and structured data extraction pipelines.
- Technologies: Python, PyMuPDF, PyPDF4.