

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.