

Sakshi Sharma

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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.