

DADA NANJESHA GOUDA SHANBOG

Software Engineer & Data Engineer

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SUMMARY

Accomplished Software Developer & Data Engineer with 5+ years experience designing and implementing scalable web applications and cloud solutions. Proficient in Python, Django, Azure cloud services, and microservices architecture. Demonstrated expertise in optimizing ETL pipelines, containerization, and CI/CD, with a strong commitment to agile methodologies and team leadership.

KEY SKILLS

• Backend Engineer • Testing • Data Engineering • Interface Designing • Data Analytics • Cloud & DevOps • SaaS Application Development
• Version Control & Testing • Agile Methodologies • Data Organization & Management • API & Microservices • Architecture Design

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java

Web Design: HTML5, CSS, JavaScript, Bootstrap

Frameworks: Django, REST APIs, FastAPI, Microservices

Database: Oracle, MySQL, MongoDB, PostgreSQL, Oracle SQL, HDFS, Blob Db, Cloud storages.

Cloud & DevOps: Azure (Functions, Synapse, Storage, Databricks), Docker, CI/CD, Jenkins

Tools: Docker, Jenkins, Git, Jira, Swagger, Azure Repos, Bitbucket, Automation, MQTT, Kafka.

PROFESSIONAL EXPERIENCE

Software Engineering Intern and Part-time

Apr '23 - Apr '25

BOSCH

Stuttgart, Germany

- Assisted in **research and development** of innovative software solutions within a dynamic R&D environment.
- Developing simulator for **multi-mobile robot systems**.
- Assisted in designing the POC for **automatic detection of malicious software packages**.

Senior Software Engineer

Apr '18 - Sep '22

SLK Software Pvt. Ltd (Emerson)

Bengaluru, India

Software Design & Installation

- Designing, developing & **installing software** solutions and developing **high-quality** software design and architecture
- Developed a high-traffic **Django** web application managing **50K+ daily requests**, reducing response time by 30% through **microservices** integration.
- Created **Python** scripts for **ETL** operations and documented **APIs** with **Swagger** for streamlined integration.

Application Development & Coding

- Built robust **CI/CD pipelines** that boosted deployment efficiency by **90%**.
- Leveraged **Docker** and **Azure** for **containerization** and scalable **cloud** deployments.
- Designed and implemented **Azure-based cloud solutions**, increasing productivity by **60%** and cutting deployment time by **70%**.

Stakeholder Management & System Improvement

- Collaborating with vendors and **cross-functional teams** to fix & improve products and **automating tasks** through appropriate **tools & scripting**
- Documenting** development phases, Code Reviews & **monitoring systems** and ensuring software is up-to-date with the latest technologies

Operations Management

- Determining operational feasibility & proposing solutions by **assessing analysis**, problem definition, requirements, etc.
- Coordinated release schedules and **backlog management** using **SAFe Agile** and **Scrum** methodologies.

EDUCATION

Master's in Data Science

IU International University of Applied Sciences, Germany

Berlin, Germany

Bachelor of Engineering in Instrumentation Technology

Visvesvaraya Technological University, India

Beallari, India

Post Graduation Diploma in Data Science

IIIT Bangalore & upGrad

Bengaluru, India

CERTIFICATIONS

- IBM:** Python, Data Science, SQL
- IIIT-B:** Python, Big Data, Data Engineering
- Azure:** DP-900, Cosmos DB
- SLK:** SAFe Agile Practitioner and SAFe Agile for Teams 4.5

VOLUNTEER EXPERIENCE

- Organized blood donation camps
- Engaged in CSR activities.

ADDITIONAL INFORMATION

- Languages:** English (Native), German(Basic), Kannada(Native), Telugu(Native), Hindi(Native).
- Interests:** Watching Movies, Cycling and Trekking.
- Awards:** Best New Recruit at SLK, Stellar Team at SLK, Best Employee at SLK, Rising Star at SLK.