

SUKHWINDER SINGH

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Software Professional with over 7 years of experience in software development and designing large scaleable systems. Hands on experience of designing and deploying AI-driven solutions for healthcare, including chatbot creation, LLM integration, testing, and deployment.

SKILLS

Languages & Frameworks: Python[PySpark, PyTorch, TensorFlow], Django[DRF], FastAPI, Java[maven]
Cloud & DevOps: AWS, AZURE, OCI, K8s, Docker, Jenkins
Databases: PostgreSQL, Snowflake, ElasticSearch
Misc.: Git, Databricks, Redis, Kafka

EXPERIENCE

AI Engineer (SDE-3)

Jun 2022 - Present

Techniphy

Noida, India

- Spearheaded the development and deployment of an AI-powered **chatbot** for a **healthcare client**, facilitating patient interactions for **appointment scheduling** and **Query Resoluiton**.
- Designed and implemented a **FHIR data transformation tool** to facilitate patient data access via APIs in compliance with FHIR standards. Successfully deployed the tool across multiple U.S.-based customer environments using **AWS** and **Azure**.
- Led the integration of **Large Language Models** to improve the fill rate and case coverage of training data set required for development and testing of FHIR data Transformation tool.

Python Developer (IC3)

March 2019 - January 2022

Oracle

Hyderabad, India

- Co-designed the **architecture** of Fusion Automation, an automation framework, using **Python with Django Rest Framework**. Played a key role in integrating **AI and ML** components to drive automation and innovation.
- Developed **ML modules** within the Fusion Automation framework to enhance failure analysis and predictive capabilities using **Python and machine learning techniques**. Focused on improving diagnostic accuracy and predictive insights.

Associate Consultant

July 2017- March 2019

Capgemini

Hyderabad, India

- Part of a team responsible for delivering customized software solutions, focusing on backend development with **Java** and **SQL**.
- Engaged in software development lifecycle activities, including requirement analysis, coding, testing, and **client demos**.

EDUCATION

Master of Business Administration(Part-time), Information Technology

2021-2023

LPU DE

Jalandhar, India

Bachelor of Technology(Full-time), Information Technology

2013 - 2017

National Institute of Technology

Jalandhar, India

AWARDS

- Recipient of **Outstanding AI Solution Award** in August 2023 at Technify.
- Recipient of the **Best Product award(Team)**, only awarded to Handful of Product teams in Oracle.

INTERESTS

Reading

Classic Novels, Crime and Thriller Novels, Punjabi & Urdu Poetry

Sports

Football, Cricket, Badminton