SUKHWINDER SINGH

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Software Professional with experience of more than 7 years in software development. Highly Skilled in Back end development using both Java and Python, handling Big Data using PySpark ,Databases using Postgres, Snowflake and Elastic search and developing APIs using Python Frameworks- Django and Flask. A Very good communicator and have good experience of working directly with the client in Agile Environment. Graduated in Information Technology from National Institute of Technology Jalandhar.

SKILLS

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

EXPERIENCE

SDE-2 — Jun 2022 - Present
Innovaccer — *Noida, India*

- Spearheaded the development and deployment of Kafka-based service for a **healthcare clients**, facilitating data interoperability for various **EHRs**.
- Participated in development of an **ODR System** to read data from various EHR's FHIR APIs and provide uniform response to calling application. Currently, Developing a **Pub-sub event Bus** to serve multiple applications with minimum information provided.
- 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**.

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 **cloud** components(AWS, AZURE) 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 **Leading by Example Award** in November 2024 at Innovaccer.
- Recipient of **Outstanding Solution Award** in July 2024 at Innovaccer.
- 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

The only player to captain teams in both football and cricket Innovaccer internal tournaments and win them in the same year.