

# Sambandh Singh

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## Education

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2018– 2022 Chennai	<b>B.Tech (Information Technology),</b> <i>Srm Institute of Science and Technology Chennai</i>
2016– 2018 Bokaro	<b>Pcm -Economics,</b> <i>Sree Ayyapa Public School , Cbse</i>
2016 Patna	<b>Science,</b> <i>St Karens Secondary School , Cbse</i>

## WORK EXPERIENCE

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2022/01 – 2023/06 Pune/Nagpur	<b>Associate Data Analyst</b> <i>Infocepts Data and AI (PostgreSQL, Python , AWS S3, Cloudwatch , Eventbridge , Lambda , Step Fucntions , SQS , SNS)</i> <ul style="list-style-type: none"><li>• Managed data flow from SnapLogic to Amazon S3 bucket, triggering step function flow using Amazon EventBridge upon data arrival.</li><li>• Utilized AWS Lambda functions for data quality checks and transformation based on client requirements within the step function flow which consisted of 5 lambdas.</li><li>• Implemented complex SQL queries within Lambda functions to perform intricate data transformations as part of the processing pipeline.</li><li>• Ensured accuracy and efficiency in data manipulation to meet client specifications and regulatory standards.</li><li>• Developed final data load Lambda function to facilitate seamless loading of transformed data into PostgreSQL database.</li><li>• Leveraged CloudWatch Logs for centralized logging, enabling real-time analysis and troubleshooting of system events and errors.</li><li>• Enabled smooth handoff of processed data to Power BI team for further analysis and visualization, contributing to informed decision-making processes.</li><li>• Serviced a prominent UK-based pharmaceutical company as a client.</li><li>• Delivered presentations outlining the end-to-end project flow to the client.</li><li>• Completed a comprehensive 2-month Big Data and AWS Bootcamp covering SQL, Linux, Python Programming, Cloud Computing, Data Warehousing, ETL concepts, Big Data, Hadoop, Spark Ecosystem and AWS.</li><li>• Applied skills learned from the bootcamp in a project involving Informatica and Snowflake, focusing on ETL processes and cloud data warehousing.</li></ul>
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## TECHNICAL SKILLS

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### Skills/Tools:

Python, SQL, C, Power bi, Linux server, Informatica

### Services:

AWS (EC2 , S3 , EventBridge , CloudWatch , Step Functions , Lambda )

## **Projects**

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### **Key Stroke Authentication:**

Role : Team Lead

Key stroke authentication in Python typically involves capturing and analyzing typing patterns to verify a user's identity based on their typing behavior.

Tech: **Python** (Python 3.x) , pyHook , Numpy , Scikit-learn

## **Certificates**

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• Sql , Linux , Python

Spark Ecosystem full bootcamp

• Big Data and AWS full bootcamp

• Hadoop full bootcamp