

Chiranjeev Singh

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SKILL SUMMARY

- 3 years of analyst experience across production support, implementation, configuring, monitoring, and troubleshooting.
- Collaborated with internal and client teams through knowledge transfer sessions, ensuring alignment on DevOps pipelines and application development processes.
- Databases: MySQL, Microsoft SQL Server Management Studio, Oracle, MySQL Workbench.
- Tools/Methodologies: Power BI, Tableau, MS Office - Microsoft Word, Power Point, Outlook, and Excel., Jira, Agile & Waterfall Model, ECP Cloud, GitHub, BitBucket, Jenkins, Continuous Integration and Delivery (CI/CD), Caramel, and Splunk.
- Programming Languages: Java, Java Script, Python, R

EDUCATION

Master of Management - Business Data Analytics
University of Windsor, Windsor, Ontario

Sept 2023- Dec 2024

Bachelor of Technology - Electrical Engineering
Thapar University, Patiala, India

July 2016- July 2020

WORK EXPERIENCE

Technology Analyst – Infosys Ltd.

Jan 2023 – Aug 2023

- Developed and managed CI/CD pipelines for various applications based on build structure such as Gradle, POM, .NET, Node JS etc.
- Built YML workflow files to automate the build and automate different scanning tools such as Checkmarx, Sonar, CastHL, CastAIP, Functional Test, Automated Test, and Unit Test.
- Migrated repositories from Bitbucket to GitHub.
- Created dashboards using client's application data on Power BI.
- Tracked the production-based database sent after building, scanning, and deploying the applications in different environments in Microsoft SQL Server Management Studio.
- Delivered detailed documentation and walkthroughs to enhance operational efficiency and team competency.
- Tools/Technologies/Environment: MySQL, Agile, GitHub, GitHub Actions, Azure Boards, Windows, Service Now, Postman, SQL Server Management Studio

Senior Systems Engineer – Infosys Ltd.

July 2022 – Dec 2022

- Deployed application into test pipelines over Enterprise Cloud Platform to ensure the application is bug-free.
- Deployment of applications in UAT and PROD environment.
- Post deployment monitored and worked on application under live environment.
- Assisted in raising, tracking, and resolving production pipeline issues, addressing root causes, and minimizing downtime.
- Migrated secrets into the vault to remove hardcoded secrets and passwords present in the application.
- Tools/Technologies/Environment: Java, Windows, Spring Boot, JBoss, MySQL, GitHub, Jenkins, Maven, Enterprise Cloud Platform, Splunk, Postman

Systems Engineer – Infosys Ltd.

March 2021 - June 2022

- Monitored and improved App-Health by completely building and deploying the application with zero bugs/errors and complexities.
- Updated the dependencies failures, quarantine issues, and fixed compilation errors in the applications.

- Checking and monitoring the application if the Build is successful on Jenkins.
- Tools/Technologies/Environment: Java, Windows, Spring Boot, JBoss, MySQL, GitHub, Jenkins, Maven, Enterprise Cloud Platform, Splunk, Postman

Systems Engineer Trainee– Infosys Ltd.

Nov 2020 - Feb 2021

Project – E-Kart Application

- Added and displayed credit and debit cards used for the transaction in the E-Kart application.
- Developed a model E-Kart Application using Spring boot and Angular Java.
- Developed front-end structure and connected with back-end APIs using HTML, and visual studio.
- On the business front, the application allows users to use the same stored credit or debit card in E-Kart history for future purchases.
- Environment: Java, Windows, Spring Boot, Angular Java

PROJECTS

Capstone Project: Predictive Analysis for Health Monitoring

Sept 2024 – Dec 2024

- **Objective:** Utilized machine learning techniques, data preprocessing, and feature engineering to deliver actionable health insights.
- **Data Preparation:** Performed data preprocessing, cleaning, and exploratory data analysis to ensure dataset readiness.
- **Techniques:** Applied machine learning methods such as regression and ensemble techniques for predictive analysis.
- **Tools:** Utilized Python, R, and related libraries for data manipulation, visualization, and model building.
- **Outcome:** Delivered actionable insights for monitoring and improving walking stability.

Power BI Project: Ecommerce Dashboard for a Superstore

Sept 2024

- **Objective:** Developed an interactive e-commerce dashboard to visualize and analyse key business metrics.
- **Data Preparation:** Integrated and transformed raw e-commerce data using Power Query for data cleaning and shaping.
- **Techniques:** Implemented DAX calculations to derive insights such as sales trends, customer behaviour, and performance metrics.
- **Tools:** Utilized Power BI for dynamic visualizations, slicers, and drill-through capabilities to enhance decision-making.
- **Outcome:** Delivered a comprehensive, user-friendly dashboard enabling data-driven business strategies and performance tracking.

ACHIEVEMENTS

- American Express Glory Awards.
- Completed the Business Communication Excellence Skill program.
- Data Camp Certifications:
 - Data Manipulation in SQL
 - Intermediate SQL
 - Introduction to SQL