

Chiranjeet Singh

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SKILL SUMMARY

IT Professional with 3 years of experience in production support, implementation, and troubleshooting, specializing in configuring and monitoring systems. Collaborated with internal and client teams to streamline DevOps pipelines and enhance application development processes.

EDUCATION

Master's in Business Data Analytics, University of Windsor, Canada

Sept 2023 - Dec 2024

B.E. - Electrical Engineering, Thapar University, India

July 2016 - July 2020

TECHNICAL SKILLS

Programming: Java, Python, R, SQL

Business Intelligence: Power BI, Tableau, Excel, R(ggplot2)

Databases: MySQL, Microsoft SQL Server Management Studio, Oracle, MySQL Workbench.

Tools/Methodologies: Jira, Agile & Waterfall Model, ECP Cloud, ServiceNow, Github Actions, BitBucket, Jenkins, Continuous Integration and Delivery (CI/CD), Caramel, Postman, Maven and Splunk.

PROFESSIONAL EXPERIENCE

Technology Analyst – Infosys Ltd., Chandigarh, India

Jan 2023 – Aug 2023

- **CI/CD Pipeline Development:** Designed and optimized CI/CD pipelines for diverse application architectures (Gradle, POM, .NET, Node.js), accelerating deployment timelines by 30% and reducing build failures by 25%.
- **Workflow Automation:** Implemented YAML workflows to automate scanning tools (Checkmarx, SonarQube, CastHL, CastAI, and others), improving code quality and reducing manual intervention by 40%.
- **Data Visualization:** Delivered Power BI dashboards that consolidated real-time application data, reducing report generation time by 50% and empowering stakeholders with actionable insights.
- **Database Management:** Monitored production databases across development, staging, and production environments using Microsoft SQL Server Management Studio, achieving 99.9% uptime and ensuring seamless deployment cycles.
- **Documentation & Knowledge Sharing:** Created comprehensive documentation and conducted knowledge transfer sessions to improve operational efficiency and team collaboration.

Senior Systems Engineer – Infosys Ltd., Chandigarh, India

July 2022 – Dec 2022

- **Application Deployment:** Coordinated deployment of applications across test, UAT, and production environments, ensuring smooth transitions with zero deployment rollbacks achieving a 95% success rate in identifying and mitigating bugs pre-deployment.
- **Issue Resolution:** Led root cause analysis for production pipeline failures, implementing fixes that minimized downtime by 40% and improved overall system reliability.

Systems Engineer – Infosys Ltd., Chandigarh, India

Nov 2020 - June 2022

- **Repository Migration:** Successfully migrated critical repositories from Bitbucket to GitHub, enhancing version control reliability and collaboration efficiency across teams.
- **Dependency Management:** Resolved dependency failures, quarantine issues, and compilation errors, ensuring stable application builds and improved code reliability across multiple projects.
- **Build Monitoring:** Oversaw Jenkins build processes, proactively identifying and resolving build failures, achieving a 98% build success rate and reducing downtime in CI/CD pipelines.

ACADEMIC 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.

Power BI Project: Ecommerce Dashboard for a Superstore

Sept 2024

- **Objective:** Developed an interactive e-commerce dashboard to visualize and analyse key business metrics. Implemented DAX calculations to derive insights such as sales trends, customer behaviour, and performance metrics.