

# Mayur Hadole

SOFTWARE DEVELOPER · EVENT STREAMING · CLOUD · DEVOPS

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## Summary

Software Engineer with experience in event-driven systems. Proficiency in operating multi-region distributed streaming platforms like Apache Kafka on AWS and On-premise. Proficient in provisioning and operating Data ETL systems using technologies like Airflow, DBT, Kafka, Snowflake on public cloud like AWS. Ample software development life-cycle experience exercised from start to finish along with prominent communication skills and constructive attitude.

## Skills

<b>Programming</b>	Java, Python, C/C++, Linux, MYSQL, VHDL, Verilog
<b>Big Data</b>	Confluent Kafka, Kafka Connect, Snowflake, DBT, Avro, JSON.
<b>Cloud</b>	AWS S3, AWS Secrets Manager, AWS Managed Airflow(MWAA), AWS Lambda, AWS IAM, AWS SageMaker, AWS CloudWatch, AWS SES, AWS SNS, AWS CloudFormation.
<b>DevOps Tools</b>	Terraform, SaltStack, GitHub Actions, Docker, GitLab, GitHub, BitBucket, Ansible, Bamboo, Jenkins, Maven, SonarQube, JIRA, Confluence, Asana
<b>Web</b>	HTML5, CSS, JavaScript, TypeScript, React, Angular, Bootstrap Framework,
<b>Languages</b>	English, Hindi, Marathi, Gujarati.

## Work Experience

### Tucows

Toronto, Ontario, Canada

STAFF ENGINEER

May. 2022 - Present

DATA INTEGRATION DEVELOPER

July. 2021 - May. 2022

- Design, build, secure, implement and maintain Data ETL platform with DBT, Airflow, Kafka and Snowflake
- Build automation to provision, maintain, and monitor all aspects of Kafka, Airflow and AWS SageMaker environment via infrastructure as code.
- Successful migration of on-premise data ETL job orchestration system (Airflow) to AWS managed Airflow
- Administered Data Lake (Snowflake) using Terraform
- Deployed AWS Python Lambdas to create and deliver usage reports
- Implemented CI/CD for Machine learning Pipelines using Terraform and AWS SageMaker
- Used Terraform, SaltStack, GitHub Actions etc. to implement CI/CD pipelines for Kafka and Airflow
- Conceived and wrote detailed software implementations while ensuring that their code adhere to the security, logging, error handling, and performance standards and non-functional requirements.
- **Skills:**Application Development(Python, Java, KafkaStreams, KafkaConnect, JUnit),AWS (IAM, S3, Lambda, Managed Airflow, SageMaker, SQS, SNS, CloudWatch, CloudFormation) Other(Terraform, Docker, SaltStack, Airflow, DBT, Snowflake, GitHub Actions, Jira, Confluence, Asana).

### BMO Financial Group

Toronto, Ontario, Canada

DEVELOPER

Jan. 2020 - July 2021

- Design, build, secure, implement and maintain Multi-data-center Kafka infrastructure.
- Build automation to provision, maintain, and monitor all aspects of the Kafka environment via infrastructure as code.
- To meet stringent Recovery Point Objective (RPO), converted traditional Kafka clusters to multi region clusters.
- Helped build real-time streaming data pipelines to reliably get data between systems and applications.
- Identify bottlenecks and tune to optimize Kafka performance and throughput.
- Built real-time streaming applications Kafka streams that transform & react to streams of data.
- Conceived and wrote detailed software implementations while ensuring that their code adhere to the security, logging, error handling, and performance standards and non-functional requirements.
- Automating on-boarding of clients to Kafka by developing CI/CD pipelines for Kafka Streams, Topics, ACLs, Schemas, Kafka Connectors etc.
- **Skills:**Application Development(Java, KafkaStreams, KafkaConnect, JUnit), Other(JSON, AVRO, WSDL, HTML, CSS3, JavaScript, Angular, Git, Ansible, Bamboo, Jira, Confluence).

### Orbis Communications

Hamilton, Ontario, Canada

SOFTWARE DEVELOPER (CONTRACT)

Oct. 2019 - Dec. 2019

- Enhancement & bug fixes in Java based backend.
- Frontend changes using JavaScript, jQuery and CSS
- **Skills:**Application Development(Java, Spring, JSP, Hibernate, SQL, JUnit, jQuery, JavaScript, HTML/CSS), Scripting(Bash, Python), Other(BitBucket, Jira, HTML/CSS).

## TD Bank

Toronto, Ontario, Canada

### SOFTWARE DEVELOPER

Mar. 2018 - Jun. 2019

- Design & Develop Spring Batch jobs in Java using dependency management and build tool Maven.
- REST API development using JAVA 8, Spring Boot, Spring, JPA/Hibernate and unit tests.
- Develop SQL stored procedures to perform data intensive logic and Shell Scripts for file manipulation, Job dependencies etc.
- Cross-communicated between development teams to design blueprints of common Java classes and ensure they would perform correctly upon completion
- Excellent time-management and multi-tasking skills through simultaneous tight deadline driven projects and tasks.
- **Skills:** Application Development (Java, Spring Batch, JDBC, Hibernate, JUnit), Scripting (Bash, Python), Other (Jenkins, Bitbucket, SonarQube, Confluence, Jira, HTML/CSS).

## Education

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### Conestoga College

Kitchener, Ontario, Canada

#### POST GRAD DIPLOMA IN EMBEDDED SYSTEMS DEVELOPMENT

2016 - 2017

- **Relevant Courses:** Operating Systems, Data Structures and Algorithms, Embedded Programming (C/C++)
- **Award:** Dean's Honors List Recognition and first rank for Capstone project (IoT Horticulture Systems)

### Government Engineering College

Gandhinagar, Gujarat, India

#### BACHELOR IN ELECTRONICS & COMMUNICATION ENGINEERING

2012 - 2015

- **Relevant Courses:** C/C++ Programming, Verilog, VSDL, Communication Skills

### N.G. Patel Polytechnic

Bardoli, Gujarat, India

#### DIPLOMA IN ELECTRONICS & COMMUNICATION ENGINEERING

2009 - 2012

- **Award:** Silver Medal (Recognition for Academic Achievement)