

# Kunj Pathak

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## Technical Skills

Languages: **Java, Python, SQL**, JavaScript, C#, **HTML**, **CSS**

Frameworks & Libraries: **Spring Boot, Spring Security**, .NET Core, **ReactJS**, Tailwind CSS

Database: **SQL (MySQL, OracleDB, SQL Server)**, **NoSQL (MongoDB, DynamoDB)**

Data Analytics & Engineering: **PySpark**, **Azure Data Factory**, **Databricks**, **Apache Spark**

DevOps & Cloud: **Docker**, **CI/CD**, **Kubernetes**, **Terraform**, **Jenkins**, **AWS**, **Microsoft Azure**, **Google Cloud**

Version Control & Tools: **Git**, **Postman**, **Github**, **Jira**, **Jest**, **IntelliJ**, **VS Code**, **Azure Devops**, **Linux**

Other: **OOP(Object Oriented Programming)**, **Agile**, **SDLC**, **Microservices**, **REST APIs**, **JUnit**, **SOLID Principles**, **TDD(Test Driven Development)**, **MS Office**

## Experience

### Intern, Data Engineer

QuadReal Property Group

01/2025 – Present

Toronto, Canada

- Developed and maintained **DBT models**, enhancing data transformation efficiency, enforcing data governance standards, and enabling seamless collaboration across Data Engineering, Analytics, and Product teams.
- Engineered and automated **Azure Data Factory (ADF) pipelines** to efficiently ingest and transform large datasets into Azure SQL, reducing processing time and improving data accessibility for analytics teams.
- Designed and optimized scalable **data pipelines** to develop **Financial Data Models**, integrating structured and unstructured data from multiple sources, ensuring high data accuracy, consistency, and availability for **business intelligence**.

### Data Engineer Intern

Diggibyte Technologies Private Limited

12/2022 – 03/2023

Bangalore, India

- Designed and maintained **ETL pipelines** with **PySpark**, **Azure Data Lake**, and **Azure Data Factory**. In addition, streamlined **data transformation** with **Databricks**, and ensured **data accuracy** through in-depth **unit testing**.
- Collaborated on project led by the **C.T.O.** that integrated **DBT and Docker** to improve **ELT** process efficiency.

### Software Developer Intern

Imbuesoft L.L.P

01/2022 – 04/2022

Gujarat, India

- Implemented **backend services** with **Java** and **Spring Boot**, enhancing security and performance while ensuring on-time delivery through **Agile** and **Scrum** practices.
- Architected **scalable front-end systems** using **ReactJS**, optimizing component reusability and state management.

## Education

### Dalhousie University — GPA: 4.0 / 4.3

Master of Applied Computer Science

NS, Canada

01/2024 – 06/2025

### Gujarat Technological University — GPA: 8.46 / 10

Bachelor of Computer Science and Engineering

Gujarat, India

06/2018 – 06/2022

## Projects

### EcoPick (Full Stack Web Development) Java, Spring Boot, ReactJS, Redux, MySQL, Docker, JUnit

[\[Github\]](#)

- Developed key features' **APIs** using **Spring Boot**, including **user registration**, **product browsing**, subscription management, and **digital wallet integration**, with **Cron Jobs** for handling subscription delivery feature.
- Ensured **high code quality with 92% code coverage**, through **Test-Driven Development (TDD)** and **SOLID Principles**, and **refactored 27 implementation smells**. Further, managed project development using **Agile** practices.

### Tiffin Box WebApp (Full Stack Web Development) Java, Spring Boot, Spring Security, React, JWT, MongoDB

[\[Github\]](#)

- Engineered a Secure **Web Application** with **Spring Boot**, **Spring Security**, and **React**, developed robust **Authentication** and **Authorization** features, including **JWT** and **role-based access control**.
- Created user-centric **REST APIs** for **Authentication**, **Profile Management**, **Payment Intent** and **Multipart Image Uploads**.
- Enhanced **User Experience** using **Tailwind CSS** and **Daisy UI**. Further, **integrated** a secure **Stripe Payment Gateway** for convenient **online transactions**.

### K8s MicroServices (DevOps & Cloud) Java, Kubernetes, Docker, G.C.P, Spring Boot, Terraform, CI/CD, Cloud Build

[\[Github\]](#)

- Designed and implemented a **Microservices Architecture** on **GCP** using **Kubernetes** and **Docker**.
- Built and managed a **Kubernetes cluster** with **Google Kubernetes Engine** for efficient container orchestration.
- Automated CI/CD** pipelines with **Cloud Build** and **Artifact Registry**, streamlining deployments, thereby provisioning infrastructure through **Terraform** for consistent deployments.