

# Dhruv A Patel

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## Summary

Experienced Full Stack Developer with over 4 years of proven expertise in Agile software development. Proficient in producing robust, maintainable code with comprehensive unit test coverage and Test-Driven Development (TDD).

## Skills

Cloud Services	Microsoft Azure (Azure DevOps, Function app, Key Vault, Application Insights)
Languages	Java Spring Boot, Core Java 8, C#, Python, PHP, JavaScript, HTML5, CSS/SCSS
Frameworks	React, Redux, .Net Core, GraphQL, Apollo
Version Control	Git, GitHub, Bitbucket
Databases	MySQL, MongoDB/NoSQL, Oracle
Testing	Junit, Jest, Enzyme, Sonar

## Professional Experience

### CGI – Consultant

May 2021 – Nov 2023

- Revamped UI with React and integrated Kendo components for a modern user experience.
- Orchestrated the design and maintenance of REST APIs, enhancing frontend-backend communication efficiency.
- Implemented an Azure Function app to fortify API authentication, securing authorized calls with JWT tokens.
- Updated Entity Data Model (EDMX), utilizing .NET Core and Entity Framework for efficient data access.
- Implemented N-Tier Architecture Data Access Layer for scalability and code reusability.
- Upgraded microservices for Solace Queue integration, enabling real-time message processing.
- Developed and optimized MS SQL stored procedures, utilizing SQL Profiler for performance analysis.
- Employed Git, TFS, and Azure DevOps for version control and collaboration.
- Engineered Azure DevOps pipelines, reducing deployment time and ensuring error-free releases.
- Strengthened security by moving sensitive data to Azure Key Vault, reducing potential data breaches.
- Implemented Application Insights in Azure for efficient monitoring and issue detection.
- Authored detailed documentation for knowledge transfer and future maintainability.

### Knayo Technologies - Software Developer

May 2019 – May 2021

- Led creation and launch of a visitor management system, managing client requirements..
- Designed and deployed system processes using PHP and MySQL.
- Developed an E-commerce web app with React, Firebase, and Stripe API for secure transactions.
- Implemented state management with redux and redux saga, utilizing react hooks.
- Conducted unit testing and Jest/Enzyme headless browser testing for app reliability.
- Enhanced desktop applications using core Java technologies for optimized performance.
- Upgraded RESTful API with Spring MVC, improving functionality and scalability.
- Engineered efficient algorithms and used Java collections for optimized data handling.

## Education

### York University

Sept 2017 – Dec 2020

- BA in Information Technology

### Centennial College

Sept 2015 – April 2017

- Diploma in Software Engineering