Dhruv A. Patel,

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Software Developer
→ Agile Development, Scalable Systems, API Development ←

Experienced Full Stack Developer with over four years of proven expertise in Agile software development. Proficient in producing robust, maintainable code with comprehensive unit test coverage and Test-Driven Development (TDD). Adept at utilizing a variety of programming languages, frameworks, and databases to deliver high-quality, scalable, secure solutions. Skilled in implementing cloud services and optimizing applications for efficient performance. Experienced in CI/CD processes and version control, with a focus on collaboration.

CLOUD SERVICES: AWS, 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, ASP.NET, GraphQL, Apollo

VERSION CONTROL: Git, GitHub, Bitbucket

DATABASES: MySQL, MongoDB/NoSQL, Oracle

TESTING: Junit, Jest, Enzyme, Sonar

PROFESSIONAL EXPERIENCE

CGI, Toronto, ON   May 2021 – Nov 2023
CONSULTANT

- Revitalized user interface and reduced bounce rates by developing a modern UI with React and Kendo components, earning positive feedback and establishing the company as a technology leader.
- Updated the Entity Data Model (EDMX) using .NET Core and Entity Framework, resulting in an increase in backend communication efficiency, a reduction in API response times.
- Proactively monitored with Application Insights to improve system dynamics.
- Enhanced software efficiency through optimizing MS SQL stored procedures, leveraging SQL Profiler to develop a more scalable data access layer and improved backend communication.
- Utilized Azure Function apps, enhancing security with fewer unauthorized access attempts.
- Implemented CI/CD pipelines, reducing deployment times, minimizing post-release hotfixes, and establishing a more agile and reliable software delivery process.
- Implemented N-Tier Architecture Data Access Layer to enhance scalability and promote code reusability.
- Utilized Git, TFS, and Azure DevOps for robust version control and collaborative development.
- Enhanced security measures by migrating sensitive data to Azure Key Vault, mitigating potential data breaches.
- Authored comprehensive documentation to facilitate knowledge transfer and ensure future maintainability.

Knayo Technologies, Toronto, ON   May 2019 – May 2021
SOFTWARE DEVELOPER

- Successfully designed and launched a bespoke visitor management system, reducing check-in time and improving security, resulting in increased client satisfaction and a contract extension for future enhancements and support.
- Boosted sales and customer retention for a startup by developing a secure, user-friendly e-commerce web app, utilizing React, Firebase, Stripe API, Redux, Hooks , providing a reliable platform for secure transaction and efficient data handling.
- Undertook Jest/Enzyme testing for improved performance & reliability.
- Optimized data handling using Java collections and efficient algorithms, boosting system performance.

CERTIFICATIONS

Microsoft AZ 204 - Developing Solutions for Microsoft Azure**,** Nov 2023

EDUCATION

BA – Information Technology, York University, 2017 - 2020
Diploma in Software Engineering, Centennial College, 2015 – 2017