

# PRATIK JETHALIYA

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- Graduate Computer Science student with an excellent academic record
- Programming excellence in NodeJS, C#, PHP, ReactJS, Java, C
- Database experience with MYSQL, SQL Server, MariaDB, MongoDB
- Expertise in debugging and testing the working code and to make it efficient
- Learning technologies such as AWS – DevOps, Docker

## EDUCATION

SEPTEMBER 2014 – OCTOBER 2016

**MASTER OF COMPUTER SCIENCE (CO-OP) (RESEARCH PROGRAM)**

**UNIVERSITY OF WINDSOR, WINDSOR, ON**

Thesis Title: Quasi-Dedicated Path Protection in OFDM Networks Link:  
<https://scholar.uwindsor.ca/etd/5831>

SEPTEMBER 2010 – MAY 2014

**BACHELOR OF ENGINEERING (COMPUTER ENGINEERING)**

**GUJARAT TECHNOLOGICAL UNIVERSITY, GUJARAT, INDIA**

## EXPERIENCE

JULY 2020 – PRESENT

**SOFTWARE DEVELOPER - 360 INSIGHTS, WHITBY, ON Canada**

**TECHNOLOGIES: C#, SQL SERVER, REACTJS, NODEJS, MARIADB, MONGODB**

- Recently worked on a Rewards calculation application in NodeJS, SQL Server and MongoDB
- Implemented a/b testing to optimize the store procedures in SQL server and monitoring it in data dog for p50, p75, p99 to measure its performance.
- Led a team of 3 developers to implement projects such as caching & several other new features.
- Always on top of the production issue and resolve them within 24 hours.
- Developed and supported multiple products in React, Node and C# ASP.Net
- Helped team resolve large number of backlogs tickets.
- Optimized and maintained Store Procedures in SQL server
- Always made sure code is clean and efficient.
- Always take lead on new project and show curiosity to learn new products and features
- Wrote and modified unit tests to fit the logic or wherever missing.
- Developed several initiative projects (POC) for automation to help implementation and business team using NodeJS and ReactJS with mongo db.

**DECEMBER 2018 – APRIL 2020**

**INTERMEDIATE SOFTWARE DEVELOPER - ASSENT COMPLIANCE, OTTAWA, ON  
Canada**

**TECHNOLOGIES: C#, SQLSERVER, JS (JQUERY), ANGULAR, PHP**

- Developed micro services with C# using visual studio IDE for supply chain data management industry.
- Developed new features in the product for various compliance regulations based on xml schema
- Involved in a re-designing of the customer portal so that they can declare the product information easily
- Developed components for the Frontend (UI) using Angular
- Working in a dynamic and fast-paced environment on an individual as well as in team projects with the new look new look and feel
- Worked on reporting project which included writing store procedures on SQL server to grab the data requested
- Bug fixing and feature enhancement is a continuous process
- Converted the legacy Asp code to C# and use store procedures in SQL Server
- Followed proper channel while committing code on GitHub and have it reviewed with fellow developers by creating PR
- Worked with BI team to implement Tableau API to automate filters on the dashboard using REST API using JavaScript
- Developed unit test for each function to have 100% test coverage

**FEBRUARY 2017 – NOVEMBER 2018**

**PROGRAMMER/DEVELOPER - HUMAN RESOURCE SYSTEMS GROUP, OTTAWA,  
ON Canada**

**TECHNOLOGIES: PHP7, C#, MYSQL, HTML, CSS, JS (JQUERY), AJAX**

- Developed php code for the core product and make it ready to go for major releases
- Wrote code for the new requirements as per the mockups provided from UX team
- Participating in daily scrum meeting and decide the goals of the day
- Keep track of the tickets as assigned per sprint board in JIRA
- Implemented several API into the product and wrote appropriate functions to support them
- Act as a team lead for several projects and managed to deliver the code in timely manner
- Testing and debugging were a continuous process to enhance the code and reduce technology debts
- Made web pages look elegant and easy to navigate using CSS and JS
- SVN version control – checkout new branch and committing code with proper instructions
- Made REST API which would call to several 3<sup>rd</sup> party libraries/product and process the transaction as needed
- Made technical comments in the issue wherever needed when sending issue to QA team
- Actively Maintained an API and website developed in C# for the job board (CareerAim)

- during the transaction period
- Added new methods as required by the product to deliver the data from the job board portal
- Maintained code in tortoise mercurial for version control
- API documentation was updated with all the required information needed to access the API

**MAY 2015 – APRIL 2016**

**WEB/APPLICATION DEVELOPER - PPG - CHEMFIL CANADA LTD., WINDSOR, ON  
TECHNOLOGIES: PHP5, MYSQL, CSS3, MS ACCESS, JAVASCRIPT, HTML5,  
MICROSOFT WINDOWS SERVER2008**

- Deconstructed client's requirements into user stories and documented technical procedures to be followed
- Developed, designed, and modified operational and financial reports and program in ERP system in MS Access 97 using VBA programming
- Prepared an interface for migrating MS Access to PHP web application in Windows environment using WAMP server
- Migration includes reports, forms, authentication operations, etc.
- Implemented CRUD operations on the databases in PHP
- Designed front-end of an application using combination of HTML, CSS and JavaScript
- Incorporated agile software development cycle while building software

*References available upon request*