

# Dattu Patel

---

Email: [dattu.patel@gmail.com](mailto:dattu.patel@gmail.com)

<http://www.dattu.ca>

13 years of experience in Front-End and Back-End web development with strong Angular/React, C#.Net/.Net Core and UI/UX skills.

I am excited for what the future holds in terms of technology, and how I can contribute as a **Front-End Angular Developer** or a **Full Stack Developer**.

## Experience

### FRONT END DEVELOPMENT

- HTML (4/5), CSS (2/3)
- CSS Pre-processors: SASS, Less, Stylus
- CSS Frameworks: Bootstrap, Angular Material, custom
- JavaScript/JQuery, Typescript, Lodash
- AngularJS, Angular (2/4/6/7/8), RxJs, NgRx, Kendo UI, Angular Material, Angular Flex Layout, Angular CLI
- React, React-Redux, Material-UI
- Implementing code for Google Analytics

### BACK END DEVELOPMENT

- C# .Net, C# Script, VB, Classic ASP
- Azure Functions, Azure Service Bus, Azure Event Grids, Azure Apps, Blob Storage, Media Storage, Elastic Pool, Azure SQL, Rabbit MQ
- Basics for: SharePoint, OpenCms, Sitecore, Polopoly, Wordpress
- NLog, Serilog, Application Insights

### DATABASE DEVELOPMENT

- MSSQL, MySQL, MongoDB
- Oracle, Cognos, Redis Cache
- Generate multi-purpose Reports
- Database architecting and scripting

### SPECIALIZED DEVELOPMENT

- Solr queries, Elastic Search
- JSON, XML
- Email HTML (and Email marketing)
- Graphic design, UI/UX
- Social Media integration with Facebook, Twitter, Google+, YouTube and Instagram

### WORKFLOW & DELIVERY

- Agile
- Web app Architect
- MVC, Web services, Web API
- OAuth Authentication, JWT Authentication, etc. methods to securing APIs
- Responsive Web Design
- Desktop first and Mobile first development
- Single page web app, multiple pages web app
- User Experience and Usability Testing
- Progressive Enhancement
- SEO
- Standards Compliant, W3C Compliant, WCAG 2.0 Compliant
- Cross-browser, Cross-platform and Cross-device Compatibility
- OWASP Security principles
- Visual Studio Project Template

### APPS & TOOLS

- Visual Studio .Net
- NPM, Bower, Grunt, Gulp, Webpack
- Git, Team Foundation, SVN, Vault Professional
- Azure Portal, Application Insights, LogEntries
- Visual Studio Code++, JetBrains WebStorm, Sublime, Notepad
- Postman, Fiddler4
- JIRA, Basecamp, Jenkins, Bitbucket
- Adobe Suite (PhotoShop, Illustrator, InDesign), Paint .Net, GIMP2

## Employment

### SENIOR DEVELOPER | KEV GROUP

APR. 2019 – PRESENT

- Code the new KEV Forms, where a user can create new forms
  - **Technology:** HTML5, CSS3, React, React-Redux, Material-UI, React Drag-and-drop

### SENIOR DEVELOPER | INFORMCO

OCT. 2019 – MAR. 2020

- Code the *Enterprise-wide iLibrary Web Application* to manage PDFs, permissions and roles
  - This application is used to maintain client PDF forms and documents, which then gets processed and sent over to the print shop
  - Developed new features to manage list of subscriptions, list of options available throughout the application, etc. by adding new UIs and related API
  - Enhanced existing UI/UX, upgraded the front end to Angular 8 with corresponding front end libraries
  - Added and updated API end points to CRUD data based on user/client permissions and roles
  - **Technology:** HTML5, CSS3, Angular 8, Angular Materials, ag-Grid, C# .Net (EF Core, LINQ, etc.), JSON, MSSQL, Team Foundation
- Maintain a previous version of the *iLibrary Web Application*
- Coded a centralize *PDF System Microservice*
  - This microservice is an API app, which is used to extract fillable fields, add watermark to PDF documents, and rasterize documents
  - **Technology:** C# .Net, JSON, PDFSharp/PDFium, Team Foundation
- Enhanced the existing *Email Microservice*
  - Added email queue processing, link tracking and open tracking
  - **Technology:** C# .Net, JSON, MSSQL, Team Foundation
- Collaborate with the UI/UX team to meet design standards and sharpen the user experience
- Maintain a legacy system which uses database first code and porting it over to a code first project

### SENIOR DEVELOPER | ALTUS GROUP | AGILE

NOV. 2018 – JUL. 2019

- Coded the *multilingual Enterprise-wide Altus Group Tax Appeal and Recommendation portal*
  - This application is used to maintain numerous data points for client properties and appeals for property taxations
  - Coded the Front End in AngularJs/Angular 6, and embedded in Salesforce
  - Added new features, maintained existing features and ported features from AngularJs to Angular 6
  - Coded Web APIs in C# .Net (EF/ADO.Net, etc.)
  - Enhanced the Elastic Search generation and search code in C# .Net
  - Created SQL scripts to manage data
  - Performed code reviews for quality control of code; especially the front end code
  - **Technology:** HTML5, CSS3 (Bootstrap 3/4), AngularJs, Angular 6, C# .Net, JSON, MSSQL, Mongo, Git, Grunt, Gulp, SASS, Jenkins, Telerik Kendo Library (for AngularJs and Angular)
- Enhanced the UI and UX, based on the provided requirements and feedback

### DEVELOPER | FULL STACK RESOURCES | FREELANCE

SEP. 2018 – NOV. 2018

- Created the *Subway Quality Campaign landing page (English/French)*

- Create a responsive Subway quality page from the provided Photoshop files
- **Technology:** HTML5, CSS3 (Bootstrap 4), JavaScript/jQuery, Git, Grunt, SASS

## **APPLICATION DEVELOPER | DAC GROUP | AGILE**

**OCT. 2017 – JUL. 2018**

- Coded and maintained the *Social Media Engagement Web portal*
  - This application periodically retrieves content from some Social Media APIs and displays them in one consolidated portal; and allows instant or scheduled publishing of content to Facebook from the portal, along with role and permission management
  - Created and enhanced the UI for displaying the various social media posts, publishing/scheduling Facebook posts, assigning the Social Media accounts to appropriate clients, etc. using jQuery and Angular 2
  - Updated the API code to meet the changing needs based on business documents and feedback
  - **Technology:** C# .Net, JSON, C# Script, HTML5, CSS3, JavaScript/jQuery, Angular 2, MSSQL, Blob Storage, Redis Cache, Rabbit MQ, Hangfire, Git
- Architected and coded a *centralized Email Notifications Microservice*, with audit logging
  - **Technology:** C# .Net, JSON, C# Script, MSSQL (including sharding), Azure Elastic Pool, Azure Function Apps, Azure Service Bus, Git
- Architected and coded the second version of *Social Media Engagement API*, with enhancements based on first version
  - **Technology:** C# .Net, JSON, C# Script, MSSQL (including sharding), Azure Elastic Pool, Azure Function Apps (including durable functions), Azure Service Bus, Blob Storage, Media File Storage, Redis Cache, Git
- Performed tasks as a team lead; distributed tasks, provided guidance and mentored junior developers
- Enhanced the UI and UX, based on the provided requirements and feedback
- Performed code reviews for quality control of code
- Performed quality assurance tests and assisted the QA tester with various testing scenarios

## **SENIOR DEVELOPER | CBC RADIO-CANADA | AGILE**

**JAN. 2015 – SEP. 2017**

- Coded the main *Internal News and Resource Portal* for CBC employees, including a basic CMS
  - **Technology:** HTML5, CSS3 (Bootstrap), Angular JS, C# .Net, JSON, Mongo, Solr, Polopoly API, Git
- Architected and coded the new *HR portal* for CBC employees, including a basic CMS
  - **Technology:** HTML5, CSS3 (SASS, Bootstrap), Angular 2, Angular JS, C# .Net, JSON, Mongo DB, Git
- Architected and coded the *Idea Accelerator Web Application* for CBC employees and non-employees
  - This application is used to submit ideas, judge ideas and show case winners
  - **Technology:** HTML5, CSS3 (SASS, Bootstrap), Angular 2, C# .Net, JSON, Mongo DB, Git
- Architected and coded the *PBI2016 site*
  - **Technology:** HTML5, CSS3 (SASS, Bootstrap), JQuery, C# .Net, .Net Identity Framework, MSSQL, Git
- Added new feature to an existing SharePoint portal
- Worked closely with the Product Owner and UI/UX team to enhance and deliver the best product

## **WEB DEVELOPER | THE SOURCE | AGILE**

**SEP. 2014 – JAN. 2015**

- Coded the front end of an e-commerce platform (hybris)
  - **Technology:** HTML5, CSS3 (Stylus), JQuery, Git
- Worked with partner team on the front end of the new *thesource.ca* website development

- Ensured front end best practices are followed and the product is of the highest standards & quality

## **SOLUTIONS DESIGNER (UI), CONTRACT | TD | AGILE**

**JUL. 2014 – AUG. 2014**

- Coded the front-end for a web-based portal for customer representatives
  - **Technology:** HTML5, CSS3 (SASS, Bootstrap), Angular JS, Node/Express, Git, TD's OMNI channel ODK, JSON
- Provided direction for UI and UX
- Followed the strict TD standards for coding, design and accessibility

## **WEB DEVELOPER | YCONIC**

**MAY 2011 – JUN. 2014**

- Architected and coded various bilingual small-scale to mid-scale enterprise web applications
  - **Technology:** C# .Net, HTML5, CSS3 (LESS, Bootstrap), JavaScript/JQuery, MSSQL
- Coded various Web Service APIs to get and post JSON data
  - **Technology:** C# .Net, JSON, MSSQL
- Maintained a few existing Classic ASP based web applications
  - **Technology:** ASP, HTML, CSS, JavaScript, MSSQL
- Created the front-end templates for yconic.ca and uthink.com
  - **Technology:** HTML5, CSS3, JavaScript
- Created, tested and deployed HTML emails
  - **Technology:** HTML, inline CSS
- Created a standard contest and campaign Visual Studio Project template, effectively reducing the development time by 75%.
  - **Technology:** C# .Net, HTML5, CSS3 (LESS, Bootstrap), JavaScript/JQuery, MSSQL
  - Created a standard database structure and SQL scripts
  - Created standard OO models and Data Access Layer, which can be customized as required
- Created the front-end templates for various page types to be used in the Sitecore CMS
- Integrated various Social Media features with custom code or plugins such as AddThis
- Created cross-browser/cross-platform compatible HTML4/5 and CSS2/3 layouts; tested compatibility in IE7 to IE11, Firefox, Chrome, Safari and Opera on Windows and MAC
- Created responsive layouts using custom, Bootstrap and 960.gs methodologies
- Created various custom JQuery libraries, used various Frameworks/Libraries such as JQuery UI, JQuery Mobile, Modernizr, Kinetic JS, Backbone, AngularJS
- Always implemented the SEO best practices, and suggested improvements for better results
- Implemented Globalization with resource files, XML and/or database
- Provided timely and accurate reporting data as per requirements from the Accounts and Marketing team, data from Database or Google Analytics
- Liaised between the UI/UX team and the IT team
- Occasionally, modified PhotoShop and Illustrator documents based on client requirements
- Collaborated with the product owner teams to implement QA and content changes
- Created many company standards in terms of IT development and coding

## **WEB DEVELOPER (CONTRACT) | SENECA COLLEGE FCET**

**AUG. 2008 – AUG. 2011**

- Maintained and coded the FCET website using OpenCMS
  - **Technology:** HTML, CSS, JQuery, JSP
- Created the front-end templates for various page types to be used in the OpenCMS
  - **Technology:** HTML, CSS, JQuery
- Followed the strict best practices for accessibility and usability with W3C and institution standards
- Implemented strategies to improve the online marketing functionality and to increase the UX
- Built a live search integrated FAQ with advanced search capabilities through keywords with Google
- Researched and implemented methods for search engine optimization
- Provided an online solution to access various program information packages for print and online format from a single data source from the OpenCMS

## **PUBLICATIONS OFFICER (CONTRACT) | SENECA COLLEGE FCET**

**MAR. 2010 – OCT. 2010**

- Edited the part-time studies calendars, micro-computer mini-calendars, FCET PD brochures, and Centre for Distributed Learning mini-calendars using Adobe InDesign, PhotoShop, and Illustrator
- Created flyers and posters to bring attention to new subjects and services offered at Seneca College
- Set up the distribution process for part-time studies calendars and micro-computer mini-calendars
- Worked with the Chairs and Coordinators to ensure submission of accurate content and timely delivery of marketing material

## **TECHNICAL SUPPORT AGENT (CO-OP) | SENECA COLLEGE**

**MAY 2006 – APR. 2008**

- Coded the Student Help Desk and ResNet websites
  - **Technology:** HTML, CSS, JavaScript
- Followed the strict best practices for accessibility and usability with W3C and institution standards
- Provided technical support to students and faculty in person, on phone, and via e-mail
- Assisted the computer technologists with maintaining more than 1000 workstations at 4 campuses of the College

## **Education**

**COMPUTER PROGRAMMING & ANALYSIS CO-OP DIPLOMA (HONOURS) | SENECA COLLEGE**  
SPECIALIZED IN DATABASE **JAN. 2005 – APR. 2008**

## **Other coursework and classes**

- Computer Graphics Design and Layout classes (Seneca College)
- Marketing classes (Seneca College)
- French Language basics (Seneca College)
- Improv (Second City, Toronto)
- Acting for Film & Television (EVN Studios, TUIC Studios)

## **References**

Available upon request.