

JAYESH PATEL

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PROFILE

Analytical and efficient **Computer Programming and Computer Science** graduate with over two years of experience offering effective client solutions in the areas of business applications and software development. Demonstrates a proficiency in utilizing highly developed analytical and critical thinking skills to resolve complex technical problems. Regarded for implementing new and innovative solutions and delivering high quality results in fast paced environments with project sensitive timeframes. Key Strengths:

- Software installation and customization
- Testing and debugging code
- Database administration and maintenance
- Application implementation and design
- Agile and project management methodologies
- Research and analytics

TECHNICAL PORTFOLIO

Programming	Java SE 7, Java EE 6, C# 4.0, Visual Basic 2012, Objective-C, VBA for Access 2013, C++, C
Web Development	HTML5, CSS3, JavaScript, jQuery, ASP.NET, IIS, JSP, XML, XSD, Node.js, Hibernate, REST, SOAP, WCAG 2.0
Frameworks	Struts 2, Apache Tiles, Bootstrap, Spring 4.x, Web Experience Toolkit (WET) 4.0, Ruby on Rails, AngularJS
Mobile Development	Cocoa Touch, XAML, iOS, Android
Unit Testing	JUnit 4.x, Selenium
Database	Oracle, MySQL, PostgreSQL, SQL Server 2012, T-SQL
Integrated Development	Visual Studio 2010 - 2015, Eclipse Juno - Luna, Xcode, Android Studio
Operating Systems	Windows Vista - 10, Mac OS X - Yosemite, Linux - Ubuntu
Office Tools	Microsoft Office: Word, Excel, PowerPoint, Access, Outlook, OneNote, OpenOffice

WORK EXPERIENCE

BUSINESS APPLICATION PROGRAMMER / SOFTWARE DEVELOPER

Apr 2016 – Present

Vogan Laboratory Services, Ottawa, ON

- Design and develop an application using Access 2013 and Visual Basic for applications to fulfill the business requirements set out by the client, with upgrade to a desktop application with its own SQL Server database
- Write, integrate and test software code, as well as maintain the application by making modifications as required
- Identify and communicate technical problems, processes and solutions to client
- Prepare reports, manuals, and other documentation on the status, operation and maintenance of the application, and research and evaluate a variety of software products
- Communicate regularly with the client to keep on top of current business requirements and keep the client informed on the progress of the design and development process
- Produce technical documentation for newly-created application for laboratory employees and other application users

Environment: Windows 10, Access 2013, Word 2013, Visual Basic for Applications, Visual Studio 2012, C#, XAML, WPF, Windows Forms, SQL Server 2012, T-SQL, GitHub, Dropbox

SOFTWARE DEVELOPMENT PROJECT

Jan – June 2016

Computer Programmer Diploma, Algonquin College, Ottawa, ON

- Scheduled and participated in weekly meetings with the client, coordinated and participated in weekly coding sessions with the other programmers on the team, and delegated tasks based on their strengths and weaknesses
- Programmed software to pre-defined specifications for the interactive game and internet-based application, in accordance with the “game-ification” business requirement set out by the client
- Wrote, modified, integrated and tested software code for the application with a technical agile development team and collaborated to consolidate the final product
- Assisted in the collection and documentation of user's requirements along with the rest of the technical agile development team during client meetings and through email communication with the client
- Wrote a simple initial prototype of the application, distributed code packages via email for peer code reviews and analysis, assisted fellow programmers to compile the different parts of the application in a seamless manner
- Troubleshoot any issues that arose after the code was compiled and tested on both emulators and team members' smart devices and documented results of testing and debugging
- Attended weekly stand-up meetings with academic mentor, collaborated on constructing oral presentations with visual aids for prototype demonstration meetings and the final product meeting

Environment: Android, XAML, XML, Java, Android Studio, Mac OS X - Yosemite, Agile, Scrum, Microsoft Word, Microsoft Excel, Microsoft PowerPoint

COMPUTER PROGRAMMING CO-OP PLACEMENT

Sept – Dec 2015

Employment and Social Development Canada, Gatineau, QC

- Worked closely with the senior Programmer Analyst and team lead in maintaining and updating an Intranet application for an internal client according to the client's business requirements
- Designed and developed the new user interface using the Web Experience Toolkit 3.1 framework, in accordance to an often-deferred business requirement, resulting in a major release instead of the originally-planned minor release
- Consolidated business-level code to eliminate redundant functions in collaboration with the senior Programmer Analyst
- Updated and rewrote portions of the user technical documentation for the application
- Performed manual debugging and troubleshooting of the application and its new user interface before sending it to the testing and quality assurance teams for more thorough testing

Environment: Windows 7, Visual Studio 2010, Microsoft Team Foundation Server, VB.NET, ASP.NET, Web Experience Toolkit 3.1, HTML

EDUCATION

COMPUTER PROGRAMMER DIPLOMA

June 2016

Algonquin College, Ottawa, ON

Key Course Included:

- Object-Oriented Programming with Design Patterns (Java SE, MVC)
- Enterprise Application Programming (Java EE, C++, Multi-threading, Spring, Hibernate, Android, JSP)
- Web Programming Languages (ASP.NET, C#.NET)
- Graphical Interface Programming (C#, Windows Forms, ADO.NET)
- Networking Basics (Internet Protocols, Firewalls, VPNs, CCNA Eligibility)

BACHELOR'S DEGREE IN COMPUTER SCIENCE

June 2014

Thavathiru Santhalinga Adigalar Arts, Science and Tamil College, India