

# DANIEL SORRENTINO

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## Core Competencies

Over 4 years working as a remote developer: Java/Java EE (Spring Boot & Struts), C# .NET Web\*, variety of Scripting languages.

While between jobs hardening full stack development skills through:

1. University Central Florida Full Stack Developer Bootcamp (June – August 2020) – Heavy Browser Programming experience using HTML5, CSS3, JAVASCRIPT-ES6, REACT. On the backend, *extending* skillset in NODE JS- MICROSERVICES, SPRING BOOT; adding in PYTHON & PHP. Graduation August.
2. Edureka Java Certification Program (May – July 2020). Extending skills in Spring Boot / Web with Java 14
3. Angular University ... on going

Experienced Full Stack Web/Mobile Software Engineer with 20+ years of progressive experience in developing MV\* web applications in with Java and MS.NET – C# servers, confidently using and adapting to new-to-me scripting languages on the job and at a rapid pace.

A committed professional committed to executing on complex deliverables in a fast-paced, deadline-driven environment. Over 10+ years as a System Architect leads to the talent while working as a developer to find and propose strategic enhancements to the business team for in the applications that I develop.

As a senior engineer I have rapid, adaptive learning and mentoring skills with a legacy of sophisticated software solutions.

Additional areas of expertise include Development and Delivery of **SOA-Web-Services (forerunner to Microservices)**, API-Solutions based on integration with SDKs, Middleware CRUD design and coding, and the authoring of detailed Software Specifications, including Solution and Design documents using Architectural documentation standards.

Java 8 (Learning Java 14 now)	Angular 1 & 7	Spring Boot	Struts	Oracle
C#/.Net/MVC/MVVM	AWS	NodeJS	React	MySQL
8+ years Software Architect	Azure	MongoDB	REST	SQL Server
15 years C++ & C programming	GIT	LINUX	Microservices	Postgress
DB Stored Procedures (TSQL & PL/SQL)	Jenkins	Postman	Active M/Q	Hibernate
Continuous Deployment / Agile	JUNIT	NUNIT	Tomcat, JBOSS	IIS

## Selected Professional Experience

**Sr. Full Stack Web Developer (Contract)**  
**Veristream Corp, Orlando FL (100% remote)**

**Dec.2019 – May 28<sup>th</sup>/2020**  
**Direct Contract – No Agency**

Worked directly with Sr. Management on Veristream's iVisitor, Access Control Service application. iVisitor allows organizations to schedule and track appointments for visitors entering buildings such as hotels, factories, office and apartment buildings.\*

### Accomplishments:

- 1<sup>st</sup> assignment – used diagnostic and system analysis skills to track down the cause of a crash that impacted all customer sites, forcing DevOps to reboot the application. This was an existential threat to Veristream. – Working with my manager, I found the problem and fixed it.
- 2<sup>nd</sup> and beyond assignments – All full stack programming in Javascript, Java Server Pages – scriptlets in the Front End and Struts / MyBatis / Hibernate / and SQL Server in the Back End. Spring Boot was also used with a REST Service API. Postman™ was used to mimic REST-API requests from mobile phones.
- Several highly important features that customers were asking for were added.
- Last assignment – created a customized Kiosk for badging visitors for a particular customer. This saved the account and Veristream's reputation.
- Mastery of GIT and Maven
- Continuous Delivery with Peer Reviews

**Reason for leaving:** apparently sales were down as the \*market for iVisitor has been impacted by COVID-19 and they needed to cutback. Excellent recommendations can be provided by my managers. They told me they would **rehire** me when business conditions improved and if I was available.

**Technical Specialist [Defined Short Term High Paying Contract]**  
L3Harris Corp, Rochester, New York

July 2019 – November 2019  
Contract Agency: TripleCrown

I worked with a cross-divisional team of architects and system engineers on an internal audit of DOD Radio, communication software platform, against the DOD's *Security Technical Implementation Guide (STIG)*. **Accomplishments:** delivered multiple documents showing STIG-ratings on over 450 attributes. This work was important to L3-Harris to market the platform by showing compliance to the STIG.

In the time remaining on the contract I accomplished improvements an SMS-Messaging application, Tac-chat-IP (TCIP) by changing the code to use the latest version of the Leadtools™ (3<sup>rd</sup> party) graphics library SDK, **a highly secure, C#.NET** application and added new capability into TCIP by programming in **Visual C++**, radio-communications software. Also, much testing was done configuring different versions of Windows Operating System to diagnose behaviors on radios for international customers.

Reason for leaving: no internal openings available in Fourth-Quarter-2019. I will be able to return in the future, if I am available. References from managers available.

**Senior Full Stack Architect-Developer (Contractor)**  
M&T Bank, *References Available* **(100% remote)**  
(Remote) Rochester, New York

Aug 2018 to April 2019

- I had the privilege of being the **sole-developer** on a **full stack web application and back-end batch application in the Financial Domain of Debt Collections**. While being the only developer on my projects, I worked with a team of business analysts, managers and database architects. I take pride in teamwork while being self-directed at the same time.
- Result:** Completed coding for these two high visibility projects in March 2019. Now both projects are in the QA cycle.
- Demonstrable proficiency in JDBC, storing query results in **Collections such as TreeMaps** to build a highly searchable ORM-management sub-system, representing each table accessed by my applications.
- DAO** pattern used to build complex, internal Java-Data-Oriented Classes, suitable for high volume query processing.
- Code written in Java 8+, JavaScript, HTML5, CSS, JSP/JSF, SQL/Oracle 12.x and Unix-Shell Scripts.
- Web applications deployed to WebSphere and Tomcat servers.
- Demonstrated fluency using Eclipse with TFS.
- Reason for leaving:** Remote contractors are going to be terminated at the end of next 3-month cycle, due to requirement to work in Buffalo, NY. **My managers said that they would like to work with me again in the future. They are my references.**

**Full Stack Developer, Device App Team - Excellent C#/Angular .NET-Core experience!**  
Xerox Corp. – Contractor (A+ Consulting), *References Available*

Jan 2018 to July 2018  
Rochester, New York

*Selected Highlights:*

- Developed Blackboard (BB) Educational Scan App:** [That we HOSTED ON our AWS-VM for development. Wrote](#) REST Sharp Clients to upload scanned files to Blackboard User Folders through the Blackboard REST APIs. Demonstrated mastery of REST Clients development with the Blackboard REST API: [developer.blackboard.com/portal/displayApi](#).
- Presentation Layer (View):** Delivered coded web pages in AngularJS, JSON, HTML5, and CSS3, that enabled users to navigate their course folders and to scan files into them.
- Application/Business Layers (Controller):** Delivered REST-services in C#/JSON that invoked my Blackboard Web Service for exchanging user and course information to and from the User Interface (UI) and Blackboard.
- Data Access Layer (Middleware C#):** Delivered Blackboard Web Service which uses popular Rest-Sharp framework for client access to Blackboard REST APIs, so that Students and Instructors navigate their folders and upload scanned files.

- **Security:** Protected all transactions between layers via the implementation of BB-compliant OAuth v2. Wrote and implemented components for user-friendly login and logout behavior under OAuth security, that interchanged Tokens between Blackboard Learn and the Xerox App. Worked with the UX team to implement many changes to the UI framework.

**Azure Web Developer/Architect/Technology Leader**

May 2015 to July 2018

CID LLC, *References Available* (100% remote)

Headquarters in San Diego, California

- **Directed an off-shore DevOps team in starting in March-2018**, that moved VM from Azure Classic to modern Resource Architecture, moved SQLServer DB to SDD, and moved File Storage to BLOB, to resolve client-side slowness and connection drops.
- **Beginning in November of 2016, lead a team of developers from India** in the delivery of a new version of IDValidation, SAAS portal. Converted a legacy Web-Forms Web Application to modern full-stack implementation using AngularJS, NodeJS, KendoUI, Microsoft WebAPI, and MongoDB. Developed mission critical features of the application.
- Performed coding, architecture, design including adding new features and services, improving existing services, boosting performance, and interfacing with Microsoft Azure Support professionals and the offshore development team.

**Software Developer**

Jul 2017 to Dec 2017

Transaction Data Systems – Point of Sale Application

Orlando, Florida

- Programmed features, enhancements, and bug fixes to POS system in Java8/JavaFX (Java-XML imitation of Microsoft WPF).
- Extended skills in JSON/GSON working with a Postgress database in Hybrid mode (mix of Relational and JSON content).
- Required mastery of Java 8 Collections and the Eclipse debugging suite to code for multilayered stand-alone applications.

**Senior Java Web Developer (Identified as Short-term Contract)**

Jul 2016 to Nov 2016

L-3 Mobile Communications, *Reference Available*

Maitland, Florida

- Coded to a command-pattern solution for various facets of Police Video communications from a Hibernate ORM, over ActiveMQ.
- New features integrated full stack development and utilization of ICEFaces, Hibernate-Criteria & HQL and Postgress SQL.
- Demonstrated proficiency with Power Mockito TDD, IceFaces-JSF, Hibernate Transactions, and JMS/ActiveMQ.

**Mobile Web Developer (Contract)**

Jan 2016 to Jun 2016

Capital One

Richmond, Virginia

- Delivered the API Spec, which enables developers to quickly learn the Spring APIs used by the AngularJS powered client.
- Gained fluidity in all major learning curve technologies in AngularJS environment, such as Chrome Web-Tools, Firebug-Debugger, Bootstrap, CSS3, LESS, SASS GIT-SCM, Gulp-Deploy, Karma & ECuke (ATD), Jenkins, and UDeploy, which lead to the timely delivery of AngularJS scripts in HTML5 pages over a two-week Agile/two-week delivery cadence.
- Implemented customer facing features in Web UI Development environment.

**.NET Web Developer (Contract) - Excellent .NET experience!**

Jan 2014 to Jan 2015

Level3 Communications, *References Available*

New York, New York

- Developed Web forms, MVC/MVVM, and CRM-Web applications that associated customers in global locations.
- Delivered world-class Architectural API specifications for documenting the interfaces between the web applications accessed by the Level 3 E-Commerce Web site for Pricing; stepped through layers of code with debugger to identify all workflows from requests-to accessing stored procedures in database.
- Created Web pages invoking controllers and utilizing stored procedures in a MVC repository model using Razor.
- Applied flexible expertise in Telerik-Kendo JS-UI, MVC 4.5, Stored Procedure programming, jQuery, HTML5, and JavaScript.
- Implemented new features using WebForms for Intelligent Front Office (IFO) CRM application, mastering C WebForms programming and Lifecycle (e.g. Pre-Render, OnRowDatabound), and setting widget values with data from the database.
- Served as the Lead for programming applications, using TSQL in Stored Procedures in SQL Server Management Studio.

**Owner - Mobile Architect/UI Developer (Interim position)**

Aug 2013 to Jan 2015

Vistateach Instructional Services

Rochester, New York

- Leveraged technical skills while in transition to earn future consulting work as mobile developer.
- Applied REST Web services to develop expertise in retrieving content used in mobile applications.
- Attended and finished training by VMWare in Core with the goal of deepening comprehension of spring applications focused on REST, DI, AOP, and MVC. Completed training in Android SDK and Eclipse to extend and master software consulting skills in Android programming for mobile apps.

**Adjunct Professor**

Rochester Institute of Technology

Aug 1986 to Jan 2014

Rochester, New York

- Shared industry knowledge via lectures on Java database courses, including: Oracle in Amazon Web Service Image, J2EE courses that included JSP, EJB, Spring Scaffolding, and JAX-WS with Annotations.
- Was the first professor to teach Java at RIT. Many sections of C++ courses. Taught courses in UNIX Internals (including all IPCs and device driver API), computer architecture, and data communication.

**Enterprise Solution Architect (a.k.a. System Engineer)**

Jan 2010 to May 2013

Paychex

Rochester, New York

- Performed analysis of Spring Framework to integrate it into the Paychex Software Delivery Lifecycle.
- Was accountable for successful design of solutions by leading project managers and design leaders from development, infrastructure architects, operations architects, SQA, release managers, and DBAs.
- Adapted RMI to Spring Remote Objects. Skilled in Aspect Oriented Programming and Dependency Injection.
- Managed various technologies employed: Spring, REST, Jax-WS, Java, C#, as well as Web Services and UML.
- Designed UML, database table design, framework choice, pattern choice, interface, and WSDL creation.

**Freelance Web Solutions Consultant (Contract)**

Oct 2009 to Mar 2010

Allergan

New York, New York

- Designed and implemented complex .NET C# WebForms application to create time spreadsheet Webpages containing customized HTML tables employing complex JavaScript for updating arrays of DOM values.
- Used examples to derive custom grid view with JavaScript to mimic the behavior Excel Spreadsheets.
- Technologies: C# .NET, SQL Server, LINQ-ORM, Entity- Service Framework, TFS, Web services, and ASPX.

**J2EE Struts Web Developer (Contract)**

May 2009 to Oct 2009

Frontier Communications

Rochester, New York

- Implemented and changed Java/JSP files page navigation from XML-driven to database-driven system.
- Found all integration points for new features stepping through MVC layers of Struts framework using Eclipse Debugger. Managed Struts 1.2 XML files for sequencing Action Servlet calls to controller Servlets.
- Modified Struts webpages with AJAX and JavaScript. Wrote complex code, which complied with product design that mapped order flow for new customers between major product tiers. Created JSPs and Java server-side code to implement email for DISH TV bundles and for credit check rejections.

**Technical Solutions Project Manager/Architect**

2005 to 2009

Xerox (1995-2009)

Rochester, New York

- Provided technical expertise in leading architecture, system engineering, and design in developing solutions to win enterprise customers across the globe. Provided pre- and post-sales technical support.
- Authored requirements, use cases, high-level design, and Java Web Service APIs. Generated WSDL for the EIP (Extensible Interface Platform) Distributed Printing Solution for European and U.S. customers.

**Application (Java) Architect/Strategic User Interface**

2001 to 2005

- Designed (via IEEE standards, UML, Java and C++ prototyping) that was approved by Xerox Architecture Board—an internal networking device that communicated XML messages between Java UI and C++ device service layer so that UI could interface with controller software from Xerox, Fuji-Xerox, and Samsung®.
- Specified documentation for SUI platform and a SUI SDK leveraged by third-party strategic partners.

**Various Technical Positions**

1995 to 2001

- Demonstrated ability in driving major process improvements from ad-hoc to well-disciplined team.
- Implemented Java Servlets via SNMP, reported information in browsers, and recorded it in database.
- Promoted to Manager of 13 direct reports of Java Developers.

For more information you are invited to view my Linked In Site: [linkedin.com/in/Daniel-Sorrentino](https://www.linkedin.com/in/Daniel-Sorrentino)

## Education & Accolades

**(M.S.) Master of Science in Computer Science**

Rochester Institute of Technology | Rochester, NY

**(B.A.) Bachelor of Arts in Biology and Psychology**

State University of New York at Oswego | Oswego County, NY

Mar 1998 | **Sun Certified – Java Programmer**

Jun 2015 | **PluralSight Certification**

Front-End Foundations: Code School

2013 | **Formal Android Training**

2013 | **Formal Training in Spring Core**

1997 – 2014 | **Adjunct Professor: Rochester Institute of Technology, Colorado Technical University, & Westwood Online**

Coursework including of Java, C++, and Database/SQL

Dec 2012 | **U.S. Patent 8,330,980**

B2 System, Method & Apparatus for Networked Print Management

2012 | **U.S. Patent 11/801,029**

Device User Interface Support of Remote Services

2012 | **U.S. Patent 11/155,659**

Integration of local and remote jobs in the job queue