

Aaron M. Rowan

Programmer Analyst

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PORTFOLIO: <https://arowan-portfolio.azurewebsites.net/>

AREAS OF EXPERTISE

Languages:

- C# 7
- HTML 5
- CSS3 + Bootstrap
- JavaScript / ES 2016
- AngularJS + Angular 2
- Python
- TSQL, PLSQL
- Google FireBase
- C

Application Software:

- Visual Studio 2015
- Visual Studio Code
- SQL Server Mgmt. Studio
- Azure Machine Learning Studio
- Microsoft Office
- Minitab
- SAS JMP
- IPython / Jupyter
- GitHub

Platforms:

- Windows
- SQL Server, Oracle
- MS - MVC5
- Entity Framework 5
- SQL Server, Oracle
- SOAP / WCF
- Web API
- Azure
- GoDaddy
- Arduino

Summary of Qualifications: C# ASP.Net Full Stack Developer. Solid MVC Experience incorporating Entity Framework 5. Extensive backend development experience with strong query writing, stored procedures, and database design experience. Experienced in multiple application design patterns: Repository, Strategy, Factory / Abstract Factory and more. Proficient with numerous design methodologies including code-first and data-first domain modeling, n- tier application design/development, SPA responsive web design.

PROFESSIONAL EXPERIENCE

| | | |
|--------------------|----------------------|-------------------------------|
| Wells Fargo | Charlotte, NC | October 2016 - Present |
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Application Systems Engineer 5

Focus on Quality and Throughput of Key Services

- o Agile Microsoft Dynamics CRM Development – Increasing responsibilities in Story completion and Bug correction.

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| Freelance Consulting | Charlotte, NC | June 2016 - Present |
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Senior Consultant

Diverse Software and Web Development Roles

- o 630 Marketing – Reworking Structured Data Demonstration Website (see Portfolio)
- o BusDat.com – Sales Consulting – Marketing Analysis

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| Mecklenburg County | Charlotte, NC | February 2015 – July 2016 |
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Senior Process Consultant

Focus on Quality and Throughput of Key Services

- o Full IT Project Management – Court document tracking to organize the work of over 70 caseworkers.

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|---------------------|-------------------|--------------------------------|
| Novelis Inc. | Oswego, NY | May 2003 – October 2014 |
|---------------------|-------------------|--------------------------------|

Quality Engineer (10/2013 – 10/2014)

Roll Shop Quality Manager and Plant Quality Capital Projects

- o Managed a \$750,000 program of 9 simultaneous projects to prepare for upcoming product launch.

Plant Energy Leader (6/2011 – 10/2013)

Managed Procurement and Use of Electricity and Natural Gas Supply of Greater than \$30 Million Annually

- o Leveraged big data collection: Improved forecasting 30% enabling \$250,000 reduction in working capital.

Certified Lean-Six Sigma Black Belt (4/2006 – 6/2011)

Identified, organized, and facilitated more than 40 projects

- o Environmental Focus – Projects reduced CO2 equivalent of 250,000 cars annually.
- o Lead high-risk project to transport 8 million pounds of molten aluminum via truck from a key supplier.

Process Metallurgist (5/2003 – 10/2006)

Managed scrap blending, process analysis, and equipment calibration

- Facilitated a team to develop a process that reduced inventory of our #1 product by \$120,000.

Education

Masters of Business Administration - *State University of New York at Oswego*

July 2013

- Focus on Project Management, Accounting and Management of Financial Institutions

Bachelors of Science Materials Engineering – *Rensselaer Polytechnic Institute*

May 2003

- Undergraduate Research: Nano-particle ZnO electrical surge suppression characteristics
- Language: German – Fluent (Studied 1 year at the ETH Zurich, Einstein's Alma Mater)

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- PMI – PMP Certification #1882405
- ASQ - CQE Certification #62457
- ISO 9001: TS16949 Certified Auditor
- Professional Training: 7 Habits of Highly Effective People (Franklin-Covey), Dale Carnegie

COMMUNITY INVOLVEMENT

- Sr. Web Developer – CharEm United Way
- Founding executive board member of 'Cans for The Community'
- Lead mentor engineer for FIRST Robotics Oswego County