

## **Marcia A. Corprew**

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Experienced software engineer with Ruby on Rails certification from The Iron Yard's immersive, fast-paced coursework; complemented with PR/Marketing skills and business ownership.

### **TECHNICAL SKILLS**

**Languages:** Ruby, Java/JSP, Javascript, jQuery, C++, C, HTML/XML, Pascal, Assembler.

**Technologies:** Rails, Git, GitHub, SQLServer, Oracle, Linux/Unix, CASE Tool, IDEA IntelliJ, Tomcat.

### **PROJECT & WORK EXPERIENCE**

**Back-End Developer**, foodstream, Iron Yard Durham, February 2016 - April 2016

Develop ruby back-end infrastructure for final project, a native IOS front-end mobile application including API interface with Angular, AWS S3 file uploads using Paperclip, mailer jobs, iCal generation, distance calculations using Geo-Kit and hosted on Heroku PaaS.

**PR/Marketing Director**, Precision Door Service, August 2012 – December 2014

Build strong relationships & company branding within the business community by networking and providing active representation within associations. Manage company advertising. Establish & maintain the company's previously non-existent social media presence. Liaison with marketing company that manages website & SEO.

**Owner/Publisher**, Town Planner Calendar, December 2005 – December 2011

End-to-end responsibility including business start-up, financing, business planning, financial analysis, sales, customer service. Negotiate contracts with both vendors and business customers.

Specific Accomplishments:

Chamber's 2009 Business of the Year, Franchise's 2008 Rookie of the Year

**Software Engineer**, Access Point, Inc., June 2002 – December 2005

Solely design, develop, test the company's first application that automated long distance batch processing. Part of two-person team to develop the company's first web-based application using Java, JSP, Servlets, LDAP, C++.

**Software Engineer**, Reciprocal, April 1999 – September 2001

Develop components for distribution, protection and promotion of digital media on both Sun Unix and NT platforms using C++, HTML, XML, Corba, Oracle 8i. In charge of the development and maintenance of payment modules with multiple third party payment gateway interfacing, client and customer HTML page reorganization, external and internal XML interfacing.

**Software Engineer**, Alcatel, September 1998 - April 1999

Add new features to and maintenance of a GUI Digital Cross-Connect System (DCS) between externally generated NE facilities and a GUI facility manager using C++, Motif on HP UNIX workstations.

**Software Engineer**, MCI, October 1996 – September 1998

Develop network management and provisioning applications for broadband networking services. (Frame relay, ATM).

Perform design, implementation and integration of C++ based applications using Jacobson OO methodology.

Specific accomplishments:

Designed and implemented two prototypes of frame relay service provisioning system. The systems were based on Corba 2.0, SNMP, CMIP and incorporated JAVA GUIs.

**Software Engineer**, GTE Government Systems, July 1987- October 1996

Design, develop and document network management (ISYSCON) software in C++ on Sun Workstations utilizing Solstice Enterprise Manager.

Design, code and test of software for a node management center simulator (technical lead) and for military circuit switching system simulators.

Integrate software involving an actual switch.

Design, code and test application programs for an interactive video service.

Specific accomplishments:

CNS-I, the node management center simulator, used for training at Fort Gordon. Team lead of ISYSCON common software group

## **EDUCATION**

Ruby on Rails Graduate, The Iron Yard, Durham NC

B.S. Computer Science/Mathematics, State University of New York @ Binghamton

C++/Unix, State of the Art Program Certificate, Northeastern University