**Race Vanderdecken – Software Developer**

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**Professional Profile**

Results-driven Software Developer with over 20 years of extensive experience in spearheading the management, design, development, implementation, and testing of IT solutions. Experience includes:

* Interfaced with internal and external stakeholders and clients, from the development to executive level, to design and plan the implementation and delivery of products; involved in all phases of product development at the client level, including presales, design, implementation, delivery, and support.
* Set standards and best practices for development teams, created formal policies for coding, refactoring, and delivery, and led teams to produce better source control and delivery methods.
* Managed, developed, mentored, and evaluated project teams consisting of project managers, functional managers, developers, analysts, business analysts, QA managers, database administrators, and testers.

**Operations & Technical Expertise**

* 20+ years of Software Development
* Object-Oriented Design & Programming (OOD) (OOP) in C/C++ with MVC and STL
* SDLC, Agile/Scrum
* Lifecycle management
* Business Statistics
* 5+ Years of development lead & team management
* MacOS
* Conflict Management
* Human Resources Management
* Operations Management
* Business Communications
* International Management
* Sales & Marketing
* Microsoft Office Suite (Word, Excel, Outlook, Visio, PowerPoint, Project)

**Education**

**University of North Carolina (UNC) at Pembroke**, Pembroke, NC Dec 2018

**Bachelor of Information Sciences: Applied Management Information Systems with Operations Management**

* Summa Cum Laude GPA 3.8
* Artificial Intelligence and Google IT Support Professional certificates via Coursera.

**Professional Experience**

**Full-Time Student, *UNC at Pembroke and Blue Ridge Community College***, Flat Rock, NC 2015 – 2018

**Consultant, *The Untrained Brain Co.***, Hendersonville, NC 2002 – 2015

**Personal Technology Projects:** iOS push payments Credit Card processing app using AWS with DynamoDB, Swift; iOS vendor ordering system app using AWS with DynamoDB, Swift.

* Created a business and market analysis report about using motor coaches to replace regional airline aircraft in short-haul markets (Ride Voyager 2014-2015).
* Assisted BMW with IBM Big Data and Hadoop Technology (Greytree Partners 2015).
* Experimental Big Data training contract for BMW project utilizing, Text Analytics, MapReduce Hadoop, HDFS, Jaql & Pig running in the Cloud and on local Linux server cluster.

**Projects included:**

***International Surveillance Technology*** (2006 – 2008)

* Designed and developed a man-portable Video/Audio Surveillance System for US law enforcement agencies (DEA, Secret Service). Forerunner of current Video over IP surveillance systems, using MVC with Ruby on Rails, JavaScript & AJAX with AXIS video cameras.

***NetSolus***(2003 – 2006)

* Enhanced Asterisk PBX call & voicemail features, improved networked storage systems.
* Created new G.711 to G.729 Codec for audio streaming server solution to record call center agent and customer interactions using Asterix saving server hardware costs.

***WebVoIP*** (2002 – 2005)

* Developed SNMP polling software using Object Oriented PERL (with classes) for RRDTools for real-time charting of call traffic, call detail records, costs and sales (WebVoIP).
* Top contributor to open source RADIUS software. Resolving key security defects.

***Chief Technology Officer, Pluto Home*** (2002 – 2003)

* Oversaw technical aspects of customer relationships, guided investors on production schedules, product development, design, quality control, and hardware acquisitions for this home automation software development company.

**Microsoft**, Redmond, WA 2008 – 2009

**SSDE Team Leader, OEM Services Consultant**

* Accountable for improvements in the performance of the Windows customer startup experience on OEM computers by analyzing systems and recommending changes.
* Executive level engagement directly with International OEM PC manufactures to improve initial customer Windows interactions and raise overall customer satisfaction.
* Responsible for positive customer relationships with HP, DELL, ACER, ASUS, Lenovo, Samsung, Sony, and Toshiba. Hosted OEM partners while in the country or on campus.

**Pace Micro**, Boca Raton, FL 2001 – 2002

**Software Architect & Software Engineer C/C++**

* Lead architectural design and implementation of browser-based cable TV set-top box (STB).
* Created a web browser for PowerTV OS in C using MVC design concepts.
* Created version control procedures; reducing problems with coding, quality & teams.
* Upgraded Cisco PowerTV OS to a multi-threaded system improving performance by 40%.
* Created an asynchronous RPC client/server interface, with JNI, for a 3rd party billing system.
* Enhanced performance of Pay per View client; cutting purchase approval times significantly.

**Chordiant Software**, Mountain View, CA 1999 – 2000

**Sales Engineer & Solutions Consultant**

* Sales consultant for the delivery of a Java-based CRM system at TSYS credit card processing.
* Resolved key post-installation issues during early life support.
* Lead Customer relationship manager (CRM) product team onsite.

**Intellivoice Communications**, Atlanta, GA 1997 – 1999

**Software Architect, Senior Technical Lead, C/C++**

* As Software Architect invented digital Email to Voicemail to Email (EVE) system using microservices
* EVE was the basis of the decision for Premier Communications to acquire Intellivoice.
* Created a digital voicemail system, eliminating analog hardware, reducing processing cost by 90%
* C-Level sales and technical negotiations with Premiere Communications.
* Acted as the sales engineer in support of sales staff trust-based selling process.

**Daugherty Systems**, Atlanta, GA 1996 – 1997

**Software Architect & Team Lead, C/C++**

* Planned and managed technical assessment & full code rewrite for Delta Air Lines’ Magellan reservation system resulting in a significant overall improvement of agent and call center performance.
* Saved client millions of dollars in excess equipment capacity, labor, and lost sales through increases in system performance by removing software development errors and system constraints.
* Working with Kanban methods, developed business documentation, requirements documents, use cases, software requirements specifications, report specifications, user stories, interface designs, and code.
* Eliminated excessive reservation agent terminal downtimes during customer calls.
* Reduced reservation call lengths by 90% by reducing application crashes.
* Diagnosed obscure network and DB/2 issues with the Delta Airlines reservation system.
* Interfaced directly with unionized workers, reservation agents and backend developers.
* Improved network capacity and routing by reconfiguring network hardware.

**Software Development Work** 1986 – 1996

* C programming, DOS, Windows, Win32, Network operating systems, Device Drivers

**US Patents**

* 5,325,527: Client/Server communication system utilizing self-generated nodal network, June 28, 1994
* 5,454,102: Method & apparatus for transferring structured data using self-generated node network, Sep 26, 1995
* 5,630,060: Method & apparatus for delivering multi-media messages over different transmission media, May 13, 1997

read me

1. I have just completed a bachelor’s degree in Applied Management Information Systems with Operations Management; with honors from UNC, i.e. I have been in school for the past 4 years.
2. I would like to work in DevOps as that utilizes the best of my past development experience and compliments my new degree work.
   1. No, I don’t have DevOps experience beyond learning the tools
3. My last professional programming industry job finished in 2009
   1. I have not programmed professionally since 2009.
4. I did program in C/C++ for more than 15 years
   1. I programmed at the systems level, Win32 and Linux
   2. I programmed in Ruby for two years
   3. I programmed in Perl for about six months
   4. I programmed in Java for about six months
   5. Most of my programming has been done on the backend
5. I am not a(n):
   1. JavaScript developer nor a Web developer
   2. Hadoop, Pig, big data developer nor a Big Data Architect
   3. IOS, Swift developer; yet
6. I am looking to restart my career in software development as either a
   1. Software Development Lead/Manager
   2. Software developer
7. My coding skills in C/C++ are rusty, I am relearning C++ 11, 14 & 17.
8. I am teaching myself AWS by studying for the
   1. AWS associate Developer certification
   2. AWS associate Architect certification
9. I know my skills are out of date and lacking. I also know that I have a lot of valuable experience in software development.
10. I am looking for a job where I can restart my career