Bob Gruen
cell: 513.376.1945
email: bob.gruen@gmail.com
LinkedIn: https://www.linkedin.com/in/bobgruen/
Web Site: http://www.bob-gruen.com/

Senior Full-Stack Software Engineer with a relentless drive to craft innovative, scalable solutions that propel business growth and often exceed expectations. Well-positioned to apply my experience to exciting new challenges and problems of all types.

Technical Skills

HTML, PHP, JavaScript, CSS, jQuery, Highcharts, Responsive/Flex layouts, Python, AJAX, MySQL, Oracle, SQLite, Java / Android, Google PubSub, Google Maps, Perl, JSON, XML, C, C++, UNIX Shell Scripts, TensorFlow, TensorBoard, Stable Baselines3, stable diffusion, LLMs, neural networks, genetic algorithms

Professional Experience

Cold Jet   Jan 2008 – Jan 2024
***Web Application Development Manager** (Jun 2022 – Jan 2024)*
- Conceived, designed and engineered the commercial IoT platform, "CONNECT Analytics", on my own time. This secure, revenue-generating platform saves almost $1 million annually in licensing and other fees and also provides actionable insights to customers and employees.

***Web Application Architect** (Aug 2015 – Jun 2022)*
- Conceptualized, designed and developed responsive, web-based reports using data from CSV and JSON based data feeds sent from the CRM and ERP. Key reports include: 30 Day Sales Prediction, Campaign ROI Dashboard, Sales Dashboards and the Lead Dashboard.
- Replaced paper forms by creating an Android app for Service Technicians to record preventative maintenance inspections. This provided significant insights for Customer Service, Engineering and IT.

***Senior Web Application Developer** (Jan 2008 – Aug 2015)*
- Managed coldjet.com and also created mycoldjet.com, a secure intranet for employees and customers.
- Developed "Search by Distance", and integrated Google Maps with the CRM (SalesLogix).
- Redesigned sales proposals in 10 languages. Enhanced visual appeal and user experience, while demonstrating my ability to blend design with strategy, and ultimately, win more sales.

Convergys   Mar 2003 – Jan 2008
***Specialist, Web Developer** (Sep 2005 – Jan 2008)*
- Architected the Global Training Infrastructure. Created all new electronic tools to replace paper for all courses. System provided online scheduling, registration, deliveries, evaluations, and reporting. Used by 100+ instructors, to provide more than 10,000+ training deliveries annually.
- Developed BI (custom reports) including Executive Scorecards and Employee Utilization.

***Senior Associate, Web Developer** (Mar 2003 – Sep 2005)*
- Designed and implemented Convergys Alert, a PHP application that enabled senior executives to quantitatively monitor and analyze crucial product issues in real-time, leading to an enhanced understanding of SLA compliance and improved strategic decision-making.
- Developed a successful PHP application for enterprise resource management.
- Member of Convergys' PHP Security Standards Committee.

Computer Horizons   Aug 2002 – Mar 2003
Consultant, Web Developer
- Developed mini-sites using HTML, PHP and Oracle for Convergys clients such as Verizon and OnStar.

PlusSize.com   Mar 2001 – May 2002
Lead Web Developer / CIO
- Increased monthly sales from ~$6K to over ~$24K.
- Grew the registered user base from 10,000 users to more than 100,000 users.
- Increased traffic from 500 unique visitors per day to over 7,000 unique visitors per day.

Structural Dynamics Research Corporation (SDRC)   Dec 1992 – Dec 2000
Software Developer *(Nov 1997 – Dec 2000)*
- Implemented new C programs and UNIX Shell Scripts to process SDRC's Smart View documentation. This new system reduced the documentation processing time from over 3 days to under 12 hours, a significant efficiency gain that allowed more time for testing.

Production Tools Developer *(Feb 1997 – Nov 1997)*
- Achieved a 35% cost reduction in localizing the Metaphase PDM UI by developing dictionaries for text reuse; this strategic approach not only cut expenses but also enhanced the efficiency and scalability of localization processes for future releases.

Professional Achievement Awards

<u>August 2021</u> – Won a quarterly award for the Cold Jet value of **Personal Effectiveness**. Awarded for work supporting the commercial launch of the IoT platform, "CONNECT Analytics".

<u>April 2021</u> – Won a quarterly award for the Cold Jet value of **Innovation**. Awarded for work designing and developing the "Fleet Management" module in "Cold Jet CONNECT Analytics".

<u>October 2020</u> – Won a quarterly award for the Cold Jet value of **Innovation**. Awarded for significant product enhancements to Cold Jet's "CONNECT Analytics" platform.

<u>November 2019</u> – Won a quarterly award for the Cold Jet value of **Innovation**. Awarded for designing and developing Cold Jet's IoT platform, "CONNECT Analytics".

<u>August 2016</u> – Won a quarterly award for the Cold Jet value of **Innovation**. Awarded for design and development of the Pipeline Dashboard. This report provided important new insights into our sales pipeline.

<u>March 2015</u> – Won a quarterly award for the Cold Jet value of **Customer Satisfaction** because of my never-ending desire to better serve customers.

<u>March 2014</u> – Won Cold Jet's **Innovation** award for creating an Engineering Change Request system.

<u>August 2005</u> – Received the Web Marketing Association's 2005 Web Award for **Outstanding Achievement in Website Development**.

<u>August 2004</u> – Received the **Spotlighting Employee Excellence** award from Convergys for developing a web-based, resource management application.

<u>March 1999</u> – Received the 1998 SDRC **Innovation** Award for developing a new, HTML based, Online Help Library for SDRC's I-DEAS product.

<u>June 1997</u> – Received an SDRC Achievement Award for **Process Improvement**.

Education

Associates Degree of Applied Business
Major: Computer Information Systems Programming
Cincinnati Technical College