

# Marc Bonomini

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## PROFESSIONAL SUMMARY

Full Stack Solutions Developer and Linux/Windows infrastructure consultant with extensive experience designing, delivering, implementing, and operating hybrid on-prem and cloud environments. Specializes in AI-driven, Linux-first architecture, cloud cost optimization, automation, and self-hosted platforms that replace or augment public cloud services. Frequently engaged to stabilize inherited environments, reduce operational overhead, and deliver production-ready infrastructure.

## EXPERIENCE

### **MarcBonomini.COM**, Indianapolis, IN— *Solutions Manager / Full Stack Developer / Infrastructure & Linux Systems Consultant*

2024-

- As a solutions manager, deliver AI-driven infrastructure and systems consulting engagements for small and mid-size organizations
- As a client and infrastructure solutions architect, deploy, and operate secure Linux-first and hybrid on-prem/cloud environments with strong emphasis on cost control and reliability
- As a full stack developer, design, develop, and implement AI-driven Linux based automation and custom software solutions alongside production infrastructure to reduce operational overhead
- As a consultant, serve as a trusted technical advisor, providing end-to-end guidance across networking, virtualization, Linux systems, cloud platforms, and bespoke application development

### **Mycelium Software Inc**, Jacksonville, FL— *Business Systems Manager*

2022 - 2024

- Led and executed infrastructure architecture and operations for a commercial software organization supporting both internal teams and external enterprise-grade clients
- Designed, maintained, and evolved server, network, and VPN infrastructure supporting internal teams and external clients
- Built and maintained a custom Red Hat Linux based operating system for proprietary application deployment
- Managed Jira and Confluence workflows supporting change control, incidents, and operational documentation
- Architected and delivered a fully self-hosted data-center platform at a colocation facility, replicating OCI/AWS capabilities while eliminating public-cloud dependency

## SOFT SKILLS

- Analytical and detail-oriented
- Creative problem solver with “out-of-the-box” thinking
- Reliable, punctual, and highly self-directed
- Trustworthy and accountable
- Diplomatic and strategic communicator
- Leads by example in technical and operational settings

## COMPUTER LANGUAGE SKILLS

Python / Node.js / JScript / Java

BASH Script / Linux Shell

CLAUDE / C / C++ / PHP

Oracle / MySQL / PostgreSQL

## TECHNICAL SKILLS

Full Stack Infrastructure  
Solutions Architect

RHEL, CENTOS / DEBIAN /  
UBUNTU / SUSE / UNIX / LAMP

Network Architect / Network  
Engineering / Network Admin

VMware ESXi / Hyper-V / AWS /  
OCI / Azure / Proxmox / Citrix  
Xen / Cloud Computing / Storage  
Admin / Infrastructure Architect

Oracle / OUAF / CCB MDM ODM  
C2M / WebLogic / Glassfish

- Supported hosted and on-site client deployments of the company's in-house application
- Developed automation and internal tooling using Python, Bash, Java, and PowerShell to streamline operations and deployments
- Administered and supported Oracle-based utility applications (water, power, gas) with compliance oversight

### **Datacom Specialists LLC, Cincinnati, OH— *Lead Systems Engineer***

2016 - 2022

- Served as senior escalation and infrastructure engineer for an MSP environment supporting approximately 600 users across multiple client organizations
- Administered and stabilized VMware, Citrix Xen, Hyper-V, and Proxmox Linux and Windows based environments across client deployments
- Designed, implemented, and stabilized client data-center and hybrid infrastructures in diverse production environments
- Delivered Linux-based server, hardware, and software development across Debian and RHEL platforms
- Delivered electronic development and prototyping for embedded Linux systems using Arduino and BeagleBone
- Designed and implemented firmware, hardware, and supporting software for embedded Linux systems
- Administered Microsoft Server, Active Directory, O365, and Entra ID across client environments
- Delivered repeatable automation using Bash, Python, and PowerShell

### **Private Capital, Chicago, IL— *Engineer***

2013 - 2016

- Algorithmic securities trading research and development

### **Design Studios LLC, Miami, FL— *Lead Systems Engineer***

2011 - 2013

- Delivered Linux server and end-user infrastructure services for 25+ client organizations (~200 users)
- Administered and stabilized VMware, Citrix Xen, Hyper-V, and Proxmox Linux and Windows based virtualization platforms
- Operated Linux-based data services and VoIP systems, including Bash-driven administration and automation

### **MB Technologies DBA, Chicago, IL — *Network Engineering and Consulting Proprietor***

2007 - 2011

- Operated as an independent consulting proprietor delivering network and infrastructure services to commercial clients
- Designed, maintained, and evolved client networking infrastructure to meet business and operational requirements
- Procured, installed, and lifecycle-managed infrastructure hardware
- Delivered on-site and remote network administration as a consultant

Firewall Admin / Switch Admin  
LAN / WLAN / WAN / SAN /  
VLAN Admin

Microsoft Server / Active  
Directory, O365, Entra ID

FreePBX / VoIP / Asterisk with  
Cisco and Compatible Hardware  
/ VoIP Administration

Infrastructure Security /  
Physical Security / Digital  
Security / Social Training

Embedded Firmware  
Engineering / Firmware Dev /  
Custom Devices / Arduino /  
BeagleBone / IoT / Physical  
Design and Prototyping /  
Soldering and Assembly

OpenAI / OpenAI Gym / Machine  
Learning / AntiGravity / Codex

CAD / CAM / 3D Modeling / CNC  
/ Fusion360

## EDUCATION

### **Indiana University** — *Bachelor of Science in Business Administration*

2008 - 2011

- Concentrated areas of study include finance, marketing, economics, and business management techniques

### **Grand Rapids Community College** (Grand Rapids, MI)

2006 - 2008

- Progressed toward a degree in business administration
- Tutored fellow students in information technology

### **Kent Career Technical Center** (Grand Rapids, MI)

2002 - 2004

- A+
- SQL
- LAN and WAN theory

## FROM THE AUTHOR

Thank you for your time and consideration. I bring a broad and practical background spanning infrastructure architecture, systems engineering, and business systems management. My experience includes designing and operating complex data centers, delivering hybrid and self-hosted platforms, and developing custom software and automation to support production environments. I take a hands-on, outcome-driven approach and look forward to applying my skills to deliver reliable, cost-effective results.