



BRIAN
VILLEMARETTE

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BVMiko.com

[BVMiko](https://github.com/BVMiko)

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Languages

English, Spanish

Python, Javascript,
Java, PHP, Bash,
SQL, Visual Basic,
Batch, PowerShell,
Assembly



PERSONAL PROFILE

I've been programming for 20 years; with experience from selecting and assembling hardware to programming microcontrollers in assembly language to implementing network protocols to frontend & backend full stack web development.



WORK EXPERIENCE

2012 - present **Senior Web Application Developer / Server Administrator**
Compucast Web | <https://www.compucast.com/>

- Maintains Unix-based servers (FreeBSD, Debian, and Amazon Linux)
- Hosted over 350 websites concurrently on AWS
- Writes custom tools to facilitate server management processes (in Bash, Perl, NodeJS, Python & PHP)
- Builds & maintains PCI-compliant hotel reservation engine, including integrating with Opera (OXI), TripAdvisor TripConnect, and WebRezPro
- Write custom in-house PHP-based Content Management System:
 - Modular plugin system with hundreds of custom plugins
 - Integration with 3rd-party solutions, such as Google APIs, AWS, Facebook, Stripe, BigCommerce, SinglePlatform, & Yelp
 - Fully customized calendar system, job search engine, hotel booking reservation engine, recipe structured system, Mardi Gras schedule system, and many more
 - Produce SEO-friendly rich structured data able to be consumed by various third-party services
 - Responses optimized for performance, made for Google Search and Bing

2007 - 2011 **Desktop & Server Technician**
C4 Tech & Design | <https://c4tech.com/>

- Co-owner of tech support and web design worker cooperative
- Developed backup and workstation setup tools in Python and Bash
- Created custom trouble-ticket and work logging database in PHP
- Integrated applications and network services into heterogeneous environments
- Maintained ~30 Debian Linux and Windows Servers
- Maintained ~500 desktop and laptop workstations



EDUCATION

2011 **Bachelor of Science, Computer Science**
University of New Orleans | <https://uno.edu/>



HOBBY & INTERESTS



Automation



Corgi



Woodworking



Ants



Multicopter