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| **Marcus A. Henry, Jr.****Full-Stack Architect****Functional & OO Programmer** | Phone: (609) 320 - 1436Email: marcus@dreadedsoftware.comBlog: dreadedsoftware.comTalks: dreadedsoftware.com/about/ |

I specialize in the Design, Implementation, Maintenance, and Leadership of Software products. I have experience with both backend and front-end development for internal developer tooling as well as customer-facing applications on the desktop, cloud, and mobile. I am also experienced as the Point of Contact with customers, directly communicating with them and coming up with creative solutions to their short-term as well as long-term issues.

**WORK EXPERIENCE**

* Databricks (May 2021 – Present)
	+ Architecture, Design and Implementation of cloud-based data applications
	+ Focus on Apache Spark and related technologies to solve the World’s toughest problems
	+ Customer-facing role as Technical Lead, Trusted Advisor, or Architect situation-depending
	+ No main focus; Supporting multiple clients simultaneously
* Personal Projects in Civil Rights (January 2021 – May 2021)
* NextShift (June 2018 – January 2021)
	+ Technical & Development Lead
	+ Cloud Development
	+ SRE for Multi-paradigm, multi-language, multi-tool environments
	+ No Main focus; Supported multiple Projects simultaneously
* Integrichain (June 2016 – May 2018)
	+ Technical & Development Lead
	+ Cloud Development
	+ Main Focus on Data Processing in Apache Spark on Scala
* Innovative Defence Technologies (January 2010 – June 2016)
	+ Technical & Development Lead
	+ Main focus on Model Driven Software Design and Support on Scala & C++
* Rutgers University: Project SARANA (Spring 2008 – May 2010)
	+ Network programming for Linux-based embedded devices
	+ Network communication in a Heterogeneous, Ad-Hoc environment
	+ Main focus on Network Programming
	+ *Adaptive Spatiotemporal Node Selection in Dynamic Networks* (PACT 2010)
		- Copy of paper available upon request

**SPECIFIC SKILLS**

* Software Development in many Languages and Paradigms
* Technical Leadership; Training and Professional Development of personnel
* Cloud Architecture, Development and Maintenance
* Use and creation of Developer Tools
* Low-Tech Development Environments

**WEAKNESSES**

* Limited Experience with type-free programming environments
* Use of IDEs and Graphical Developer Tools (Prefers a Text Editor and Console)

**EDUCATION**

* B.S. From Rutgers University: Completed May 2010
	+ Major: Computer Science; Minors: Mathematics, Women and Gender Studies

**REFERENCES**

* References Available Upon Request