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