Marcus A. Henry, Jr.

Full-Stack Architect
Functional & OO Programmer

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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