

# Rudolph Terry Hill, Jr.

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🌐 <https://rhill1401.github.io/interviewPortfolio/index.html>

## Summary

Highly motivated Full Stack Web Developer with a broad range of analytical and problem-solving skills who is capable of working in a fast-paced and challenging team environment. Process-oriented with strong analytical, oral and written communication skills. Strengths in UX Design, Mobile Development, NoSQL, JavaScript, Project Management, and Agile Development. Over 12 years of demonstrated management and software engineering excellence.

## Key Skills

- Database Administration
- Project Development
- Front-End Web UI
- Agile Development
- REST
- Databinding
- React
- Advanced JavaScript
- Advanced CSS and Sass
- SCRUM
- Strategic Planning
- NoSQL

## Professional Experience

Union Pacific Railroad, Omaha, NE

2016 - 2019

### Director of Technology

- Revised and developed strategic plans, procedures, and policies to govern activities while adhering to prescribed labor agreements, resulting in departmental savings of 2.7M annually
- Established metrics to measure and evaluate systems performance and total cost of ownership resulting in an annual savings of 476K
- Optimized procedures, processes, and improved IT systems by being flexible to customer input which led to exceeding business objectives of workforce reduction by 20% and help desk inquiries
- Created value through education by coordinating the creation of training tools to reduce overall training by 15 days, resulting in a savings of \$4K per employee in training costs
- Provided feedback to senior leadership by evaluating data and researching problematic trends using techniques such as SWOT analysis resulting in operational excellence
- Implemented host-based intrusion detection procedures that reduced downtime and in-house resources for other critical business initiatives
- Provided technical expertise through designing, programming, testing and integrating software solutions across regional service areas

Union Pacific Railroad, Omaha, NE

2008 - 2016

### System Administrator

- Completed over 266 tickets resulting in the installation, configuring, troubleshooting and repair of remote management software, printers, PC and Mac workstations leading to an increase in customer satisfaction rating by 83%
- Repaired and installed firewalls, routers, switches, and DNS configurations
- Managed and configured over 200 accounts and workstations remotely using Windows Server Operating systems, Active Directory and Office 365 Administration
- Monitoring and installation of Virtual Machines with VMware and Microsoft Azure
- Provided support to network infrastructure issues by isolating resources, encrypting data, and connecting privately on a third-party cloud network
- Recommended and administrated object-based cloud services for unstructured data resulting in savings of over 60% versus conventional storage solutions for clients
- Troubleshooted and resolved printer configurations, firmware updates, and installations

## Military Experience - USAF

Master Sergeant (E7)

1996 - 2006

- Maintained and defined network architecture and infrastructure
- Configured and optimized network servers, hubs, routers, and switches
- Planned and scheduled the installation of new or modified hardware and operating systems and applications software
- Managed systems resources including performance, capacity, availability, serviceability, and recoverability

## Education

Master of Science in Computer Information Systems

2020

Bellevue University

Software Development

Bachelor of Arts

2006

American Inter-Continental University

Visual Communications and Information Technology

Associate of Applied Science

2003

Community College of the Air Force

Technical Instruction

## Additional Information

- Technical Skills: Cloud Computing (AWS), Golang, Java, JavaScript, SQL, MongoDB, Mongoose, Git, Salesforce, SWIFT, Kotlin, APIs, Agile methodology, Android Developer, NodeJS, jQuery, Hyper Terminal, ReactJs, Node.js, JSON, Bootstrap, Adobe Illustrator, Adobe XD, Adobe Photoshop, Microsoft Office, Outlook Administration, and Microsoft Active Directory