

# Matthias E. Johnson

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## Objective

I thrive working on interesting problems of scale and complexity. I desire to build platforms that matter and leverage modern technologies with a focus on simplicity and high degrees of automation.

## Experience

### Independent DevOps and Cloud consultant 10/2015 - present

- General Consulting
- Environment Deep Dives and Reviews
- Performance and Stability improvements
- CI/CD implementation

### Site Reliability Engineering Architect - **ReactiveOps** 10/2015 - 12/2017

- Client Consulting
- Development

### DevOps Manager/Lead/Architect (title/role change) - **Catalyst Repository Systems** 1/2012 - 10/2015

- Architecture and Design
- Development
- Automation
- Monitoring and Reporting
- Management ...

### Search Engine Architect / Manager of Search Team - **Catalyst Repository Systems** 7/2007 - 8/2013

- Search Engine Architect
- Monitoring and Reporting
- Automation
- Capacity Planning
- Supervision and Management

### **Manager of Linux Enterprise Hosting (title/role change) - [ViaWest, Inc.](#)** 3/2007 - 7/2007

- Linux Architect
- Product Development and Planning
- Project Management
- Tier 3 support
- Mentoring

### **Manager of Technical Operations (title/role change) - [ViaWest, Inc.](#)** 6/2006 - 3/2007

- Management of Senior Technical Customer Support Team
- Product Development and Planning
- Project Management
- Tier 3 support

### **Manager of Systems Administration (internal promotion) - [ViaWest, Inc.](#)** 8/2005 - 6/2006

- Management of Systems Administration Group
- Product Development and Planning
- Project Management
- Tier 3 support

### **Systems Engineer - [ViaWest, Inc.](#)** 6/2004 - 8/2005

- Senior Lead for Infrastructure Services
- Member of Hosting Group
- Strategic Research
- E-mail administrator
- Tier 3 support

Prior work experience has been removed. For complete employment history please see the full version of [my resume](#).

## **Technical Skills**

I have experience with a tremendous number of systems, services, and languages. The following list is heavily abbreviated and reflects my current focus. The full version of [my resume](#) details many of these in the expanded experience section.

**Programming Languages** Ruby, JavaScript, Bash, Perl, Python

**System Platforms** Ubuntu, Amazon Linux, RHEL, Windows, Solaris, True64

**Technology Stacks** AWS, Docker, Kubernetes, Terraform, Ansible, ELK

**Services** Elasticsearch, Redis, RabbitMQ, Logstash, many RDBMS

## Education

**MS in Computer Science** Minnesota State University, Mankato - 5/2000

Completed thesis entitled [Knowledge extraction from Neural Nets through Graph Theory](#).

**BS in Computer Science** Minnesota State University, Mankato - 3/1997

Received grant for research on [Convex Subsets as a heuristic for Tournament Isomorphism](#) presented as poster session at the 1996 Small College Computing Symposium in St. Cloud, MN. Another research project, related to Data Mining, on [Explanation Facilities in Neural nets](#) guided further research at Minnesota State University.