

# DAVID JOHNSON

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## PROFILE

People leader, team builder, project manager and collaborator with broad technical experience in software engineering, operations and infrastructure.

## Career Skills

- **Career Skills:** identifying, developing and retaining talent, collaborate effectively with global teams, drive consensus, breaking down complex initiatives into executable strategies
- **Technical Solutions:** automation, software engineering, DevOps engineering, cloud, AWS, Kubernetes, GitHub workflows, CICD orchestration, AI automation, C#, TypeScript (Node.js), C/C++, Go, SQL, shell scripting

## Work Experience

### ASURION

May 2022 - Nov 2024

#### *Principal Software Engineer*

Nashville, TN

- Promoted a culture of continuous learning and career growth by offering personalized mentorship and support to each team member, which was key to retaining top talent and enabling career advancement through lateral moves.
- Collaborated with fellow engineers to build consensus concerning larger organizational challenges. Examples include training, retention, tool sprawl, and efficiency through shared solutions.
- Identified and researched solutions for common use cases within the organization, developing pilot projects to demonstrate effectiveness, such as evaluating AI tools for automation and code generation, which streamlined processes and enhanced productivity

### ASURION

Mar 2019 - May 2022

#### *Senior Manager / Principal DevOps Engineer*

- Led the creation of a DevOps team that improved operational efficiency and productivity by introducing containerized deployments with Kubernetes, automated CICD pipelines using GitHub workflows, and enterprise-wide logging and monitoring standards.
- Led software development projects from inception to completion, ensuring secure, reliable, and efficient systems. Successfully migrated a legacy Java monolith from on-prem to the cloud (AWS) by breaking the monolith into smaller, executable milestones, addressing complex architectural challenges.

### ASURION

Aug 2012 - Mar 2019

#### *Architect, Infrastructure Engineering*

- Developed a self-service GitHub/CloudFormation solution to enable standardized infrastructure provisioning on AWS dev environments.
- Designed and implemented robust infrastructure solutions leveraging TIBCO message middleware, Business Works, vMWare automation, and cloud technology.
- Rescued several legacy systems by conducting in-depth forensic analyses to understand issues, document findings, and recommend remediation strategies

### MERRILL LYNCH/BANK OF AMERICA

1997 - 2012

#### *Manager / Systems Engineering*

Over a decade in leadership roles managing engineers in web development, information security, and infrastructure. Below are some highlights of accomplishments during my time at Merrill Lynch:

- As Manager of Message Middleware, I led a successful resolution of a complex multicast storm impacting TIBCO message middleware. Conducted a thorough analysis to get at root cause, developed a remediation plan, and implemented a dedicated operations team to maintain network stability and provide rapid response to incidents.
- Collaborated with vendors to address identity and access management needs by conducting a POC to verify the solution met specifications, forming a team to implement and support the chosen solution, which became the firm's standard for federated authentication and web services access control, enhancing security and efficiency
- As Manager of Web Development, I led a team in developing an automated solution that leveraged data warehousing to provide investment bankers with real-time client fact sheets. This innovation significantly streamlined workflows, enhanced client intelligence, and improved collaboration among Directors working with the same clients.

### DREYFUS SECURITIES

1995 - 1997

#### *Software Engineer*

- Developed new features for the firm's desktop GUI application, enhancing user experience and increasing efficiency for the Dreyfus order desk
- Integrated front-end and back-end order processing systems using Sybase middleware, improving data flow and operational

efficiency

- Implemented a web-based interface to replace the desktop GUI, resulting in a 70% reduction in call center support costs.
- Leveraged PERL and Korn scripting for back-end control, diagnostics, and performance monitoring, leading to improved system reliability and faster issue resolution

#### **POLO RALPH LAUREN**

**1992 - 1995**

*Software Engineer*

- Developed GUI systems for decision support, inventory control, and materials logistics, enhancing user experience and operational efficiency
- Designed databases and created entity models and stored procedures for Oracle, using ERWIN and PLSQL.

#### **SAFILO**

**1992 - 1995**

*Software Engineer*

- Developed COBOL/JCL-based solutions for stock control, accounts payable, accounts receivable, purchase order, and order entry systems on a DEC platform, which improved system efficiency and data accuracy. Implemented C code for optimized sort routines, data translation, and bar code reader integration, enhancing processing speed and reliability over JCL alone.
- Designed a client/server system using programmable bar-code readers, reducing stock inventory audit time from one week to one day and enhancing accuracy without business disruptions.

### **EDUCATION / CREDENTIALS**

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**Southern New Hampshire University**

**Jun 2022 - May 2024**

*BS BA, MIS*

*Manchester*

- GPA:** 4.0

#### **Certification**

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- AWS Certified Cloud Practitioner
  - Microsoft Certification, Foundational C#