

John Bieniek

<https://www.linkedin.com/in/johnathanbieniek/>

SUMMARY

Staff engineer with 10+ years designing and operating distributed systems, cloud-native services, and full-stack applications at enterprise scale. Experienced in modernizing legacy platforms, building reliable APIs and data workflows, improving system observability, and making complex systems understandable to engineering and business stakeholders.

EXPERIENCE

Home Depot

- Led architecture and development work for international applications supporting large retail operations.
- Designed and implemented cloud-native microservices on GCP and PCF using Kubernetes, Spring, Node, React, Angular, Cassandra, Spanner, PostgreSQL, MongoDB and more at national scales.
- Delivered full-stack applications Agile, Scrum, XP, and waterfall environments that support enterprise level production systems.
- Designed REST and GraphQL APIs supporting distributed data access, integrations, and cross-platform workflows.
- Improved operational workflows, incident triage, observability, and engineering support practices.
- Modernized legacy functionality into independently deployable cloud-native services.
- Mentored engineers and interns on design principles and distributed systems concepts.

Lakeland Fine Arts

- Architected and built cloud-native workflow and commerce platforms enabling scalable automation, operational orchestration, and intelligent business process integrations.
- Evolved the system to support additional initiatives and subsidiary operations while maintaining performance and reliability.

Accessible Solutions

- Designed and delivered a cloud-native nurse scheduling platform from concept to production that supported real-time scheduling across a nationwide user base.
- Defined system architecture, APIs and UIs, translating operational constraints into scalable, reliable full stack systems that reduced scheduling time by 99% by taking workflows from hours to minutes.
- Built distributed scheduling logic and data pipelines to ensure minute-level accuracy and consistency across concurrent users. Improved and facilitated in-home care for disabled and vulnerable patients.

NCR

- Led development of a multi-engine test management suite in C++ and .NET for enterprise retail clients.
- Delivered financial and banking systems with performance-sensitive SQL data management.

Georgia Tech Research Institute

- Led research on handheld augmented reality Android applications using marker tracking in C and Java, improving low-level camera access performance by 50%.

EDUCATION

B.S. Computer Science, Graduated with Honors | Georgia Institute of Technology

This resume is heavily redacted. For a full resume reach out to Contact@JohnBieniek.com