BOBBYLEE INGALLS
SENIOR SOFTWARE ENGINEER

Platform Architecture · Accessibility Advocate · Automation Strategist

CONTACT

📞 +479-326-0067

✉️ ingallsbobbylee@yahoo.com

📍 730 Morningside Drive, Centerton, Arkansas 72719

🌐 https://www.bobbyleeingalls.dev

🔗 https://www.linkedin.com/in/bobbyleeingalls

{} https://github.com/ReesesSnickers

SKILLS & EXPERTISE

Languages & Frameworks
- JavaScript
- TypeScript
- Node.js
- React.js
- GraphQL

Cloud & DevOps Platforms
- Azure DevOps
- Cosmos DB
- Azure SQL
- MongoDB
- CI/CD Pipelines

PROFESSIONAL SUMMARY

Senior Software Engineer with 15 years of professional experience—including 6+ years delivering secure, enterprise-scale platforms at a Fortune 500 company. Known for blending hands-on technical leadership with operational discipline, shaped by a background in military aviation maintenance. Proven track record in automating processes, scaling platforms, driving accessibility compliance, and mentoring engineers across global teams. Key contributor to enterprise-critical initiatives such as MyTech, SSaaS, and device lifecycle automation.

WORK EXPERIENCE

Walmart Global Tech   2019 - Present
Fullstack Software Engineer

- Developed and maintained modular, full stack web applications using React.js, Node.js, and GraphQL while aligning with enterprise branching and code quality standards
- Automated CI/CD, diagnostics, and testing pipelines using PowerShell—streamlining engineering workflows and accelerating feature deployment
- Implemented unit and integration test strategies tied directly to user stories and functional requirements, reducing production bugs and QA overhead
- Enabled early anomaly detection and system performance monitoring through instrumentation with Azure Monitor and Log Analytics
- Applied secure coding standards and ensured compliance with enterprise IT governance policies throughout the development lifecycle
- Authored technical documentation for architecture decisions, release processes, onboarding, and knowledge transfer
- Mentored engineers in WCAG/ARIA practices, code review, and engineering hygiene; played active roles in cross-functional Agile ceremonies and sprint planning

API & Systems Design

- RESTful APIs
- Microservices
- Lifecycle Management

Infrastructure & Automation

- PowerShell
- Secrets Management
- Monitoring (Azure Monitor, Log Analytics)
- GitHub Copilot (for VS Code)

Frontend & Accessibility

- Responsive Web Design
- WCAG 2.1
- ARIA
- Accessibility Auditing
- axe-core

Testing & Code Quality

- Unit Testing
- Load Testing
- Modular Design
- S.O.L.I.D.
- SonarQube

Enterprise Platforms

- ServiceNow
- Active Directory
- GitHub Enterprise

Leadership & Delivery

- Team Mentorship
- Architecture Strategy
- Agile/Scrum
- Cross-Team Collaboration
- Documentation Standards

Walmart Level One Helpdesk
Support Technician

2016 - 2019

- Delivered Tier 1 technical support across 150+ enterprise applications, ensuring business continuity for corporate associates and distribution centers nationwide
- Diagnosed and resolved issues on Windows 7 and Windows 10 endpoints, conducting trend analysis to proactively flag recurring problems
- Authored and maintained PowerShell scripts that automated common technician workflows—reducing ticket resolution time and manual repetition
- Built internal self-service scripts and tooling to empower users and reduce inbound support volume for known issues
- Provided scripting-level support for internal tooling, contributing to platform stability and usability across Home Office client systems
- Mentored and onboarded new support technicians, aligning performance to quality benchmarks and departmental KPIs
- Contributed to knowledge base documentation and procedural playbooks that improved team efficiency and first-call resolution metrics

United States Air Force
Aerospace Maintenance Engineer

2010 - 2016

- Maintained and prepped KC-135 Stratotankers for combat readiness through inspections, fueling, and ground equipment servicing
- Trained and supervised airmen in safety protocols and operational workflows for aircraft and ground logistics
- Managed $15M+ in tooling and hazardous waste handling while supporting global mobility missions
- Awarded Commander's Choice Airman of the Month for mission-critical execution and leadership

PROJECTS & TECHNICAL INITIATIVES

MyTech - Self-Service IT Platform
Senior Engineer Contributor

Architected and scaled a multi-region platform; led ServiceNow, analytics, and accessibility integrations

DLE Laptop Fulfillment Automation
Key Engineer

Delivered a 30-day PoC for provisioning workflows; aligned supply chain, procurement, and imaging

SSaaS – Smart Ticketing Portal
Contributor

Built guided troubleshooting with live "Issues in Progress" status and intelligent routing

Accessibility Alignment & WCAG 2.1 Compliance
Lead Facilitator

Directed audits, embedded inclusive design practices, and trained teams across 10+ apps

Self Service App v2.0 (Electron)
Developer

Rebuilt legacy desktop tool into a scalable React + Electron platform with PowerShell healing scripts

Agile Docs & Developer Enablement
SME

Restructured documentation to improve onboarding, reduce tribal knowledge, and boost sprint velocity

EDUCATION & CERTIFICATIONS

Introduction to Generative AI for Software Development
DeepLearning.AI — 2025

Advanced JMeter & Performance Testing
LinkedIn Learning — 2022

Cloud Native & Microservices Foundations
LinkedIn Learning — 2022

React Ecosystems & Interface Design
LinkedIn Learning — 2020 - 2021

GraphQL, Node.js & S.O.L.I.D. Engineering
LinkedIn Learning — 2020

Ethical Hacking Bootcamp
Seely Security — 2017

Active Directory & Group Policy Administration
Udemy — 2017

AWARDS AND VOLUNTEERING

Commander's Choice Airman Award
U.S. Air Force
2015

Associate of the Month
Walmart L1 Helpdesk
2017

Community Relief Organizer
Raised $2,500 for a local family in crisis
2021

Event Security Volunteer
15K+ attendee
2012–2013

Blood Drive Supporter
88 pints donated over 12 years
2012–2024