JORDAN DAAKE

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PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer with 7+ years of experience building enterprise-grade applications across healthcare, sports media, and fintech domains. Proven track record architecting scalable cloud-native solutions, integrating AI/LLM services, and delivering mission-critical systems with rigorous safety and compliance requirements. Deep expertise in .NET/C#, cloud platforms (AWS/Azure), and modern development practices.

TECHNICAL SKILLS

Languages & Frameworks: C#/.NET Core, JavaScript/TypeScript, Python, Angular

Cloud & Infrastructure: Azure (Functions, Service Bus, Key Vault, Application Insights), AWS (Lambda, S3, API Gateway), Terraform

Databases: SQL Server, Entity Framework, T-SQL optimization

AI & Integration: Azure OpenAI, LLM services, RESTful APIs, HL7/FHIR, EHR systems, FDB pharmaceutical database

Observability & Practices: Datadog, Application Insights, microservices architecture, event-driven systems, CI/CD, TDD

Domain: Healthcare compliance (HIPAA, DEA regulations), pharmaceutical safety protocols, prescription automation

PROFESSIONAL EXPERIENCE

INVENE | Remote
Software Engineer (Contract) | Aug 2025 - Present

Developing enterprise-grade AI-powered healthcare automation platforms transforming operational efficiency while maintaining the highest standards of patient safety and regulatory compliance.

- Architected comprehensive prescription refill automation system (IRIS) handling 7+ complex validation scenarios including controlled substance regulations, drug interaction screening, and clinical monitoring requirements
- Built distributed blob caching solution to overcome Azure orchestration payload limits, enabling seamless data flow across multi-step serverless workflows
- Integrated Athena Health EHR and First DataBank pharmaceutical database for real-time drug interaction checking, contraindication analysis, and clinical monitoring
- Developed AI-powered clinical tools using Azure OpenAI for intelligent medication matching, SIG comparison, dosage stability analysis, and prescription urgency detection
- Implemented medication name normalization with Levenshtein similarity algorithms and 92%+ safety thresholds to prevent dangerous medication confusion errors
- Created audit-compliant data storage tracking all validation decisions, notifications, and provider actions for regulatory compliance

ORION | Omaha, NE
Software Engineer (C#/.NET) | Sep 2023 - May 2025

- Designed and developed RESTful APIs and service layer components within enterprise .NET applications
- Optimized complex SQL queries and database operations, reducing execution times and improving application performance
- Implemented Datadog monitoring and observability solutions, enabling proactive issue detection and performance tracking
- Built Angular UI components and integrated frontend with backend services
- Reduced software defects by 40% through comprehensive debugging strategies and testing practices

NBC SPORTS NEXT | Omaha, NE
Software Engineer | Mar 2022 - Aug 2024

- Architected event-driven data collection system capturing customer interactions across multiple touchpoints, improving scalability and enabling real-time analytics
- Published reusable TypeScript analytics package for standardized event tracking across multiple product teams
- Built and maintained cloud infrastructure using Terraform, establishing IaC patterns for AWS resource provisioning
- Led cross-functional teams of programmers, designers, and technicians, enhancing project delivery efficiency by 25%
- Optimized production systems, reducing downtime by 35% and improving overall performance metrics

ORION | Omaha, NE

Software Developer II | Sep 2020 - Mar 2022 — Achieved 30% performance improvement through systematic troubleshooting and code optimization. Reduced post-launch production issues by 50% through proactive bug identification. Modernized legacy codebases to current standards.

Security & Performance Engineer | Feb 2020 - Sep 2020 — Resolved critical security vulnerabilities, protecting applications against XSS and injection attacks.

SQL Query Writer | Aug 2019 - Apr 2020 — Optimized legacy SQL queries, achieving 60% faster execution times for 1000+ users.

EDUCATION

MIDLAND UNIVERSITY | Bachelor of Science (B.S.), Business Administration | Dec 2008
CODE ACADEMY | Software Development Program | 2018

CERTIFICATIONS

AWS Certified Solutions Architect | AWS Certified Developer