

Isaac Adams

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Education

UNC Chapel Hill

B.S. Computer Science; Business Administration Minor

GPA: 3.966

Relevant coursework: Data Science in the Business World, Algorithms and Analysis, Databases, Modern Web Programming, Natural Language Processing, Foundations of Software Engineering, Corporate Finance, Operations Management

Chapel Hill, NC

May 2023

Technical Skills

Programming Languages: Go, Python, Rust, JavaScript, Next.js, Java

Cloud: AWS

CI/CD: GitHub Actions

Monitoring: Splunk, New Relic, Open Telemetry

Experience

Consultant I Software Engineering

CapTech Consulting

Philadelphia, PA (Hybrid)

January 2024 - Present

- Built large-scale, high-TPS, AWS-native, distributed APIs using Go to ensure data consistency between modern and legacy databases for a Fortune 500 Financial Services company.
- Spearheaded effort to increase CapTech's Go capabilities, including: co-leading an internal Golang community of practice, giving presentations to 50+ consultants on advanced Go topics, developing example repository to highlight idiomatic go practices and application architecture, and building self-service learning paths and tech challenges to allow developers to upskill.
- Lead the development of greenfield application, including: architecting the application, writing user stories to guide development, scaffolding out the code in the repository and serving as the main point of contact for all developers working on the application.

Software Engineer

Nationwide Insurance

Columbus, OH (Remote)

May 2022 - January 2024

- Decreased build time in CI for applications by 90% by installing R packages from precompiled binaries instead of from source
- Built and supported infrastructure used in the deployment of over 100 advanced analytic models.
- Created build pipelines, testing platforms, and application monitoring for 20+ applications.

Projects

dgstats

- Partnered with Professional Disc Golf Association to create and maintain statistical profiles for 300000+ PDGA tournament players
- Cloud-Native Infrastructure in AWS; Frontend developed with Next.js; Backend developed with Python/Go

Certifications

AWS: Certified Solutions Architect - Professional

GitHub: GitHub Actions