Andrew Friedman

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EDUCATION

Georgia Institute of Technology *Atlanta, GA*

Bachelor of Science in Computer Science (Systems & Architecture and Artificial Intelligence Threads)

EXPERIENCE & PROJECTS

Cucumber Foundation *Mar. 2026 – Present*

Open Source Dart Contributor & Maintainer

- Authored the Dart implementations of Cucumber Messages, Gherkin Parser, and Cucumber Expressions, establishing core BDD infrastructure for the Dart ecosystem.
- Drove adoption across three independent Dart BDD frameworks, including two of the ecosystem's most popular actively maintained solutions.

GEICO *Jan. 2024 – Present*

Senior Software Engineer

- Architected and led the Flutter host platform rebuilding GEICO's mobile app, unifying decade-old iOS and Android codebases into a single Flutter architecture.
- Drove the strategic shift from native add-to-app to Flutter-host-first, securing director and senior director buy-in for the company's mobile modernization strategy.
- Accelerated feature migrations 3x, reducing conversion cycles from 60+ to ~20 days through architectural simplification and automated validation.
- Standardized feature contracts, state management, and integration patterns, establishing a scalable architecture shared across mobile feature teams.
- Led architectural alignment across mobile engineering teams, influencing senior engineers and technical leaders to adopt standardized integration patterns, shared infrastructure, and migration practices.
- Developed migration tooling, test harnesses, and validation frameworks, enabling repeatable feature conversions and earlier defect detection.

Software Engineer II

- Served as the top contributor to Geico's Digital Experience Framework, the largest front-end monorepo, supporting shared libraries, tooling, and infrastructure across multiple organizations.
- Optimized the CI pipeline through dynamic validation, cutting validation cycles by 85% and driving a projected $10M in savings over three years.
- Led AI adoption, building the harness, repeatable workflows, guardrails, and agentic tooling for 200+ engineers.
- Established the standard Flutter application template, reducing new app setup from weeks to under an hour.
- Built the primary engineering analytics platform utilized for business reviews, informing headcount, capacity, and investment decisions.

Software Engineer I

- Developed the Sales API (SAPI), a C#/.NET API under Core Insurance Platforms impacting > 15 million users.
- Reduced the SAPI regression testing suite 40% with functional BDD coverage, shifting failure detection pre-merge.

SKILLS

Languages: Dart, C#, Python, Java, C
Technologies: Flutter, Unity, Firebase, REST APIs, MySQL, SQLite, Riverpod, .NET, Azure DevOps, GitHub Actions
Technical: Mobile Architecture, Platform Engineering, System Design, CI/CD, Monorepo, BDD/TDD, Developer Experience, Agile/Scrum, AI-Assisted Development, OOP, Git
Leadership: Technical Strategy, Cross-Functional Leadership, Executive Communication, Technical Mentorship, Consensus Building, Stakeholder Management, Conflict Resolution, Organizational Influence