Gavin Sawyer

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github.com/gavinsawyer   linkedin.com/in/gavinsawyer-dev

Recent grad with advanced knowledge of computer programming and software development. Creating software to solve problems since age 13. Proficient with JetBrains, Unix, and cloud computing concepts. Closely followed the rollouts of HTML5, CSS3, and Angular; the widespread transition to TypeScript; and the popularization of serverless architecture and BaaS platforms like Amplify and Firebase. The first non-employee to be published in Google's new Firebase Extensions Hub by creating a highly requested SDK for biometric authentication.

Education

SUFFOLK UNIVERSITY   (Fall 2019-Spring 2023)
The Sawyer Business School is accredited by the AACSB.

→ BSBA graduate

→ Double major: Global Business, Analytics

→ Minor: Cybersecurity

DON QUIJOTE MADRID   (Spring 2021)
don Quijote is accredited by the Cervantes Institute.

Earned a B1-level certification for intermediate Spanish proficiency in Madrid during a semester of online classes.

Native technologies

→ HTML, CSS, JavaScript   (9 years)
→ AWS, RESTful APIs, NodeJS, MongoDB, SQL, Git   (7 years)
→ TypeScript, Angular, RxJS, SASS   (6 years)
→ Google Cloud Platform, Firebase, Amplify   (4 years)
→ Nx, R, Adobe Illustrator & Photoshop   (3 years)

Open-source projects

FIREBASE-WEB-AUTHN — GITHUB.COM/GAVINSAWYER/FIREBASE-WEB-AUTHN

A Firebase Extension for authentication with WebAuthn passkeys, a new web standard for passwordless authentication. Allows websites built on Google's app development and cloud platform to use biometric authentication in place of passwords while changing only one line of app code.

SHORTCUTS-API — GITHUB.COM/GAVINSAWYER/SHORTCUTS-API

An API and library of iOS shortcuts used to create highly detailed home automations based on the user's Focus mode, location, and time of day. This project addresses limitations in Apple's HomeKit system which make it impossible to disable motion-activated lights when the user's iPhone is in Sleep Focus, for example.