JOSHUA CALLAHAN

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Experience

Freelance Software Engineer   New York, NY
Jul 2021 - Present (**2 years**)
- Built a serverless web application with **React** to host a crowdsourced collection of customer reviews for tens of thousands of real estate agents
- Completed contract work through personal connections/referrals and published to the App Store

Expedia Group   Seattle, WA
May 2017 - Jul 2021 (**4 years**)
Software Development Engineer III
- Designed and developed highly available supplier-facing **APIs** handling 10K+ transactions/second to process the shopping queries for millions of hotels worldwide on Expedia sites
- Created event-based **Kafka** streaming services to reduce hotel onboarding time from 1 week to 24 hrs
- Led a cross-divisional initiative to produce brand new Property Status, Tax, & Regulatory APIs exposed as a federated **GraphQL** endpoint for hotel partners
- Conducted dozens of new hire technical interviews and personally mentored five new team members

Software Development Engineer II
Software Development Engineer I
Software Development Intern

Education

University of Utah, BS Computer Science   Salt Lake City, UT
Dec 2017
- **3.76 GPA** on a 4.0 scale
- Honors at Entrance four-year full tuition scholarship
- Undergraduate teaching assistant for CS 3500 Software Practice
- Executive member and cofounder of *Computer Programmers at the University of Utah* student group

Skills

- Languages: **Java, C#, Kotlin, Swift, JavaScript/Typescript, Python, C++, SQL**
- Tools/Frameworks: **AWS, React, gRPC, GraphQL, Docker, Kubernetes, Kafka, RabbitMQ**

Projects

Bees Keys - *iOS App*
Dec 2021 - Present
- Custom built SwiftUI game that helps beginner piano students learn key names
- **5K downloads** in **75 countries**
- **100 daily active users**
- **1.3K monthly active users**
- https://apple.co/3hmXstL

When Where Why - *React App*
May 2023 - Present
- Data visualization tool that offers at-a-glance travel destination summaries for each month of the year. Give it a try!
- www.whenwherewhy.io
- github.com/joshcally/when-where-why-web