

# KOSUKE YOSHIOKA

FULL-STACK SOFTWARE ENGINEER

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## SOFTWARE

### Expensify – Full-Stack Engineer

August 2016 – March 2023

Worked on numerous full-stack projects from design to implementation. Back-end work in C++ and PHP. And client-side in Javascript, React and React-Native. Regularly bounced around to fix bugs throughout the stack. Specialized in bank accounts, billing, and reimbursements. One of the main engineers that worked on our integration with Plaid, Onfido, and Stripe as well as our use of third-party financial verifications (e.g. GIACT, TinCheck, Idology).

#### Lead Projects:

##### *Cashback on the Expensify Card –*

Designed and implemented Expensify's cashback program for our corporate card. Created a system that calculated a client's total monthly card spend in order to reimburse them a percentage at the end of the month. Project required a majority of back-end work, dealing with ACH conventions and NACHA file formatting rules. Scope also included user-facing features like cashback statements, total rewards on corporate card dashboard, and in-app promotions.

##### *SCA Compliance for UK Billing –*

Implemented a new set of authentication steps to our billing flow to comply with new regulatory requirements introduced by the EU. Point of contact with Stripe's engineering for our custom integration. Required a quick turnaround to completion due to regulatory deadline. Designed our approach and led a team of three engineers through implementation, testing, and polish.

### Dev Bootcamp – Student

August 2015 – January 2016

19-week intensive course taught in Ruby, Rails, JavaScript, HTML5/CSS3, and accompanying tools and frameworks.

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## ADVERTISING/MARKETING

Prior to software engineering, I worked in various advertising/marketing roles. I am proud of this era because it highlights my ability to take on many different roles and challenges, as well as my interpersonal skills when working with clients and a range of different teams.

### Attack Advertising – Marketing & Research Analyst

July 2013 – July 2015

Provided consumer/market research data for new business pitches and on-going campaigns. Became proficient in SQL and other third-party programs provided by clients (Simmons and Nielsen). Worked in a fast-paced team with multiple pitch deadlines.

Proudest Wins: Nike, Veev Spirits, Jameson, BareFoot Wines

### Covered Communications – Account Coordinator

August 2012 – June 2013

Boutique Marketing/PR firm, backed by a small group of VC's, that specialized in the marketing efforts of Series A/B level companies. Point of contact for six company clients in my tenure.

Proudest Win: Worked with PassBan, a mobile security start-up. Coordinated marketing/PR efforts. Led the company's website design and wrote most of the copy. Accompanied the founder and engineers to various conferences, getting them speaking opportunities. Eventually acquired by RSA.

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## EDUCATION

### Duke University

2008 – 2012

Psychology – Economics Minor – Marketing Management Certificate

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## PROFESSIONAL SKILL

Languages with work experience: C++ – PHP – Javascript/ React