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LUKE ESPINA

luke.espina@gmail.com
Brooklyn, NY

SKILLS

Frontend: JavaScript / Typescript, React, React Native, Electron, GraphQL (client-side), Swift/iOS
Backend: NodeJS, Java, gRPC, Google Cloud Platform, Microservices Architecture
DevOps: Kubernetes, Jenkins, Terraform, Helm

EXPERIENCE

Meta, New York Nov 2021 – Nov 2022
Software Engineer

- Lead integration of user reporting platform on the Community Messaging product
- Established on-call process and engineering culture adjustments to enable quality of life and transparency improvements within the team
- Implemented various feature changes across the web and mobile stack supporting Trust, Safety, and Well-Being goals within Messenger

Evernote, California May 2018 – Sept 2021
Senior Software Engineer Nov 2020 – Sept 2021
Prior: Software Engineer

- Lead efforts across multiple domains simultaneously: keeping server-side state in sync with 3rd party integration data in a scalable, resilient, and reliable way, and detecting and guarding against anomalous login attempts across all authentication endpoints
- Designed, developed & maintained backend components, documentation, monitoring / incident response playbooks for microservice projects supporting Notifications, Emails, and Experiments in service of a company-wide effort to decompose our monolith
- Lead engineering effort in the integration of a 3rd party marketing platform Iterable to enable blast/campaign-based push & in-app notifications system for our react native, web, & electron apps
- Designed & implemented offline-first system for transactional push notification messaging across all platforms in support of core feature launches
- Played a key role in experimentation efforts targeting company growth by developing various client-side changes in JavaScript & iOS Native application layers, including complete reworks of web checkout and mobile onboarding flows

NASA Armstrong Flight Research Center, California June 2015 – Aug. 2015
NASA Student Airborne Research Program

- Applied machine learning algorithm (unsupervised classification) using ENVI/IDL geospatial software to study effects of 2015 Refugio Beach Oil Spill by analyzing oil movement and kelp health through ~100 gigabytes of remote-sensing data

EDUCATION

App Academy, New York City Feb. 2018
Macaulay Honors College at City College of New York, CUNY June 2016
B.Sc. in Physics, *magna cum laude*