Kevin Crmi

ENGINEER & LEADER

Los Angeles, CA/ Remote

(602) 478-9252

kevincrimi@gmail.com

tech.kevincrimi.com/

linkedin.com/in/kevin-crimi

github.com/kcrimi

PROFILE

I have 10+ years working working in education, internet-of-things, double sided marketplaces, and research industries. I'm looking to continue my track record of delivering iterable, measurable value to users with a hands-on role that allows me to work across technical and organizational boundaries.

- [partially obscured] Live Session marketplace feature with scheduling, payment, and [...] UX [...]

EDUCATION

MS COMPUTER SCIENCE
University of Southern California

MS NEUROSCIENCE
University of Southern California

BA NEUROSCIENCE
University of Southern California

BM GUITAR PERFORMANCE
University of Southern California

SKILLS

Languages: Kotlin, Java, Javascript/Typescript, PHP, Ruby, Python

Tech / Frameworks: Node, Express, React, GraphQL, Apollo (Server, Federation, Client), Nginx, Yii, ActiveRecord, Jekyll, Serverless, Websockets, Pub/Sub

Mobile Dev: Android, React Native, RxJava, Retrofit, Room, Google Play, App Store Connect, Charles, IAP

Dev Tooling: Git, CircleCI, Datadog, Sentry, Github Actions, PagerDuty

Data: MySQL, Postgres, MongoDB, Firebase, Supabase, Redshift, S3, SQLite, Redis

Hosting: AWS (*IAM, Lambda, EC2, Gateway, ELB, Appsync*), Netlify, Render, Azure (AI)

Integrations: OpenAI, Stripe, Paypal, Split.io, Mixpanel, Blueshift, Braze, Google Analytics, Retool, Twilio, Cal.com, Zapier, Auth0, MailerLite

Misc Tools: Jira, Confluence, Notion, Trello, Miro, Figma, Sketch, Photoshop, Jupyter

WORK EXPERIENCE

ENGINEERING CONSULTANT

06/2023 - PRESENT

- LawReduce.com - Built an AI-powered tool making US congressional bills more accessible to the public. (*Node, React, Express, Azure/OpenAI, Netlify, Render, Serverless, Supabase)*
- Skillshare - Designed and launched Live Instruction marketplace integrating Cal.com, Eventbrite, Stripe, Paypal, and Zapier. (*AWS Lambda, React*)

SKILLSHARE - NYC / Remote

VP OF PRODUCT ENGINEERING: 04/2022 - 06/2023

- Executive leader for 40-engineers, created product strategy and roadmap with VP of Product
- Oversaw launch of Rewards and Certificates, increasing engagement by 10% (*Websockets, AWS Lambda, AWS Gateway, Kinesis, Node*)
- Led payment gateway strategy for India, Latam, European markets (*Stripe, Paypal, dLocal*)

DIRECTOR OF ENGINEERING: 08/2020 - 04/2022

- Managed managers, team leads, and ICs for Growth, Core Experience and Discovery teams.
- Created company migration plan from monolith to event-driven microservice architecture
- Reduced team cycle time by 10% with a local+cloud hosted hybrid dev environment (*Node, PHP, Nginx*)
- Defined core library for internationalization in 5 languages across web / mobile / marketing. (*Node, PHP*)

ENGINEERING MANAGER, MOBILE / ANDROID TECH LEAD: 03/2018 - 08/2020

- Created mobile roadmap with Product and Design partners
- Reskinned entire Android experience for Company-wide rebranding
- Defined spec and architecture for consolidated events pipeline across web and mobile clients (*PHP, Node, Mixpanel, Split.IO*)
- Oversaw the strategy and architecture to move to federated GraphQL microservices. (*Node, Apollo Gateway, Apollo Client*)
- Modularized Android app for reuse of API SDK across all Java clients
- Rebuilt android downloads, addressing ~80% of negative user feedback (*Room, RxJava, DownloadManager*)
- Defined mobile beta testing process and built automated nightly build pipelines (*Bash, Hockey, Firebase, Google Play*)
- Led adoption of feature flag-based development, A/B testing and mobile remote configuration (*Split.io, PHP, Redis*)

SOFT SKILLS

PRODUCT STRATEGY

User-first mindset to create roadmaps and OKRs and team and organizational level to move concrete metrics

STAKEHOLDER MANAGEMENT

Communicated and structured work to maintain alignment across the company whether as project lead or as Executive team member

COMMUNICATING VISION

Track record of driving team adoption of technical process or organizational visions

MENTORSHIP

Worked with juniors to go on to become team leads. Created multiple venues to build skills for IC and manager-track teammates.

PEOPLE MANAGEMENT

Managed ICs, managers, and team lead; in-person, remote and hybrid teams: Contractors and full-time employees; US, nearshore, and offshore

HIRING / TEAM BUILDING

Experience hiring, building, and resourcing talent internationally for successful engineering teams, creating and empowering new leaders.

EFFECTIVELY REMOTE

Effective as a core part of hybrid and remote teams since 2016, helping to create a more equitable workplace for remote teammates

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WINK - NYC / Remote

LEAD ANDROID ENGINEER: 06/2016 - 03/2018

- Led mobile team and built android product for IoT security hardware bundle
- Designed and built subscription plan system using Stripe
- Built app experience for controlling smart devices (eg Sonos speakers, August locks, Chamberlain garage doors, etc)
- Built automated schedules app experience

HANDY - NYC

DATA SCIENTIST: 03/2014 - 06/2015

- Built internal business intelligence portal (*Looker, Tableau, and Ruby*)
- Designed and built automated BI reporting infrastructure (*R, Python, Ruby on Rails, and S3*)
- Built nightly ETL data pipeline (*S3, Pig, and Redshift*)
- Identified most cost-effective acquisition channels with Marketing
- Identified low-performing professionals on the platform and created models to predict those at-risk for monitoring (*Python, Jupyter, Pandas*)
- Designed and implemented in-house double-entry accounting system for finance team (*Ruby, Rails, MySQL*)

DIMASSIMO GOLDSTEIN- NYC

WEB DEVELOPER: 11/2013 - 01/2014

- Built custom CMS website (*MySQL, PHP, and Smarty templating*)

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCES AND TECHNOLOGIES (NAIST) - Tsukuba, Japan

RESEARCH FELLOW: 06/2013 - 08/2013

- Investigated algorithms for dimensionality reduction and visualization in *Songrium*, a social music video platform, to optimize music informatics feature extraction process (

BRAIN AND CREATIVITY INSTITUTE- Los Angeles,CA

RESEARCHER: 08/2011 - 05/2013

- Applied machine learning classification to fMRI and EEG datasets to map tactile memory topography on the brain (Matlab,
- Developed and managed longitudinal study in cooperation with the LA Philharmonic tracking the effects of music training in children

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SIDE PROJECTS

TOOL TIP DIALOG

Open source android library for tooltips and in-app tutorials

PROPOSAL APP

Marriage proposal via a scavenger hunt app using Node, Twilio, Sendgrid, GPS, Parse Server, and AR

RECORDER ACTIVITY

Android activity for capturing screen and microphone simultaneously