

NICK KLEINSCHMIDT

Newark, CA • nick.kleinschmidt@gmail.com

FULL STACK DEVELOPER

INDEPENDENT CONSULTANT (*Software engineering for emerging companies*)

SF Bay Area & Remote

Built client base providing 30+ billable hours per week for five years

VIDEOLOGY (*TV and video advertising platform*)

2014-Present

Technical consultant on data management platform team, advising on system design, implementing new features, and providing ongoing mentorship to junior developers

- Proposed and implemented Git workflow, database migrations, API versioning, Docker developer environment, and integration testing strategies providing zero downtime releases, continuous deployment capabilities, and quick developer environment setup
- Implemented client-side load balancing for internal API calls, eliminating significant internal load balancing costs
- Designed and implemented runtime configuration management system enabling reliable worldwide deployment of large configuration payloads and change management tracking
- Built HTTP JSON API and Angular app for audience building used by Fortune 500 enterprise clients

GOLDSCHMITT AND ASSOCIATES (*US government contractor*)

2018-Present

Subcontracting to build React front-end for shift scheduling system for US Federal Bureau of Prisons

TYRULA (*Health care software and consulting*)

2013-2017

Built full-stack system for helping medical providers track patients with chronic conditions using a Java backend, Angular web app, and iOS mobile app

BALANCED PAYMENTS (*Payments platform for marketplaces*)

2013

Built and managed open source Ember.js dashboard used by customers to administer credit card processing; Managed open source process including commit guidelines, new developer setup, and reviewing pull requests; Wrote technical blog posts for company blog and gave meetup presentation about Ember.js

TAMBER (*Concert recommendation platform*)

2013

Built consumer iOS app for finding concerts based on music listening habits

17FEET (*Design consulting, acquired by Google*)

2012-2013

Collaborated with design studio to build consumer Android application for magazine reading

E-AGREE (*Legal contract negotiation network*)

2012-2013

Developed prototype Ruby on Rails application which resulted in deals funding initial company hiring and launch

RINGIO (*Cloud phone system for small businesses*)

2011-2012

Director of Software Engineering

Vienna, VA

First engineering hire at startup founded by former colleagues; Hired and managed team of five engineers (two onsite, three offshore) responsible for product development, technology research, and back-end engineering improvements

- Implemented agile software development, monitoring, and deployment process using GitHub, Pivotal Tracker, Jira, HipChat, Hubot, and Graphite
- Managed consulting efforts, leading to all projects delivered successfully and resulting in substantial follow-on business

LUCIDMEDIA (*Online advertising display-side platform, acquired by Videology*)

2008-2011

Software Engineer

Reston, VA

As part of a four-person development team, built a cutting-edge Java Display-Side Platform

- Built a cloud server-side cookie store responsible for retrieving advertising data for hundreds of millions of users with a maximum request latency of ten milliseconds, handling two billion requests per day
- Implemented web UI for administering campaigns used every day to manage millions of dollars in advertising spend

ANGEL.COM (*Cloud enterprise telephony platform*)

2006-2008

Principal Software Engineer

McLean, VA

Implemented new features on Java web platform for managing automated inbound and outbound phone calls; Evaluated products, gave purchasing recommendations, and managed vendor relations for two primary components

TOOLS & SKILLS

Java, JavaScript, Ruby, Spring Boot, React, AngularJS, Ember.js, Node.js, Ruby on Rails, iOS, Objective-C, Android, Git, Spark, Hadoop, MySQL, PostgreSQL, DynamoDB, Couchbase, Solr, Elasticsearch, Kafka, Kinesis, Docker, Chef, Ansible

EDUCATION

Dual B.S. Computer Science and Mathematics, University of Maryland, College Park, MD; 2006