ALEX NORDLINGER

SOFTWARE DEVELOPMENT MANAGER AND ENGINEER

CONTACT

- 310.699.0125
- alex.nordlinger@gmail.com
- Los Angeles, CA
- alexnordlinger.com

EDUCATION

University of California, Santa Barbara
Santa Barbara, CA | 2011

LANGUAGES

- PHP
- Python
- Javascript / ES6
- Bash
- HTML / CSS
- MySQL

TOOLS

- Laravel, Symfony, Magento
- Django
- ReactJS / React Native, VueJS
- Docker / Vagrant
- AWS / Cloud hosting / Kubernetes
- PHPUnit
- Redis/Memcache
- ElasticSearch/Solr

PROFILE

Department lead, engineering manager, and web/mobile application developer with over ten years of professional technical experience, including:

- Managed teams of internal and remote developers spanning multiple platforms including frontend and backend web development, mobile application development for iOS/Android, and DevOps engineers.
- Communicate directly with company directors and contribute to high-level planning and strategy to fulfil missions and goals.
- Deliver on-time and budget appropriate products to solve highly complex technological obstacles.
- Implement application appropriate software design patterns including SOLID, ONION, and DDD architecture.
- Lead, direct, and mentor engineering team personnel for building reliable, long-term, and strategic technology products utilizing all forms of project management tools and systems.
- Built scalable and testable solutions to meet the needs of complex technology stacks involving software architectures, frontend UX solutions, and infrastructure.
- Fluent in multiple programming languages and frameworks for all devices and platforms, experienced in all aspects of backend reliability and modularity, unit and integration testing, and strong familiarity with devops tools and practices.

EXPERIENCE

FOUNDER & CEO

MATERIALIZE | LOS ANGELES, CA | JAN. 2018 - PRESENT

https://materializelabs.com

Full service digital agency providing innovative and collaborative digital services. Specializing in developing best-in-class website, iOS/Android, and e-commerce solutions.

- Serve as CEO of independent software development agency, working with clients spanning the service, e-commerce, fashion, entertainment, and business industries.
- Manage team of project managers, UI/UX designers, software engineers.
- Leverage the latest tools and technologies to fit any project size or need.

A L E X   N O R D L I N G E R

SOFTWARE DEVELOPMENT MANAGER AND ENGINEER

CONTACT

📱 310.699.0125

✉️ alex.nordlinger@gmail.com

📍 Los Angeles, CA

🧭 alexnordlinger.com

EXPERIENCE (CONTINUED)

SR. MANAGER OF ENGINEERING

EXPLORE.ORG | SANTA MONICA, CA | FEB. 2015 - APRIL 2019

Took over remote development team and founded the first internal engineering department at explore.org, a division of the $2b funded Annenberg Foundation in Los Angeles.

- Built new features and supported technology stacks used to stream hundreds of live camera feeds from across the globe to end users through multiple streaming platforms.
- Spearheaded and grew the engineering department to five internal and four remote web, mobile, and devops engineers.
- Launched a full frontend redesign, backend overhaul, and infrastructure upgrade utilizing modern technologies and plugins such as PHP with Laravel framework, JS/ES6 with React, and managed containerized environments with Docker / Kubernetes hosted through AWS.
- Implemented structured testing, scalability and security strategies to support long term growth and efficiency.
- Responsible for budgeting, staffing, managing, supporting, and outlining projects and future endeavors.

FULL STACK / MOBILE DEVELOPER

SELF | LOS ANGELES, CA | OCT. 2014 - FEB. 2015

- Using Laravel 4 PHP framework coupled with MySQL, developed fully RESTful API deployed on Amazon AWS for self-funded iOS scheduling application.
- Created simple solutions for complex issues such as multiple friend requests and relationships, scheduling conflicts across multiple users, and alerts.
- Using AngularJS, CSS and HTML, developed UI for iOS application deployed with the Cordova mobile application platform.

APPLICATION DEVELOPER

QUEST NUTRITION | LOS ANGELES, CA | SEPT. 2013 - OCT. 2014

Projected revenue for 2014 - $400m
- Built fitness web app (to be converted to a native iOS app in the future)

ALEX NORDLINGER

SOFTWARE DEVELOPMENT MANAGER AND ENGINEER

CONTACT

310.699.0125

alex.nordlinger@gmail.com

Los Angeles, CA

alexnordlinger.com

EXPERIENCE (CONTINUED)

- o Running on a LAMP stack using the Symfony2 framework
- o Used memcache and solr for search indexing
- o AngularJS for the front end
- o Symfony2 platform is pure API that returns either xml or json data so that the application can be used from any front end platform (web app, iOS app, Android app, etc.)
- Managed multiple ecommerce stores (www.questnutrition.com, questnutrition.com.au, www.questproteinbar.com, www.questapparel.com. www.questtraininggear.com) using the Magento framework.
  - o Built custom form to handle large amounts of submissions in a short period of time
  - o Hosted form on AWS, and iFramed it into our main magento website
  - o Cached POST request in json formatted file to an S3 bucket
  - o Built custom queueing system so that only a certain amount of submissions could be entered into the DB (to protect against server crashing) that was fired off by a cron job.
- Handled hundreds of thousands of users and millions of orders in Magento, and integrated it with an order fulfillment platform.
- Developed MySQL database to house large amounts of data which is optimized with a memcache server.

DIGITAL DEVELOPER

F2M2 | LOS ANGELES, CA | AUG. 2012 - SEPT. 2013

- Specialize in building RESTful API's using PHP and MySQL.
- Expert knowledge with using MVC PHP frameworks such as Codeigniter, Laravel.
- Built large scale internal product shipping application for Red Bull international using PHP with Codeigniter and MySQL.
- Experience in using front end frameworks such as ember.js.
- Sole developer building a custom Arduino product that uses ultrasonic sensors to detect the presence of a car in the company's parking lot which then communicates with a RESTful API to alert a backend service whether or not a parking spot is currently occupied. No prior C experience beforehand.
- Developed MySQL database to house large data sets.

ALEX NORDLINGER

SOFTWARE DEVELOPMENT MANAGER AND ENGINEER

CONTACT

- 310.699.0125
- alex.nordlinger@gmail.com
- Los Angeles, CA
- alexnordlinger.com

EXPERIENCE (CONTINUED)

INDEPENDENT CONSULTANT

F2M2 | LOS ANGELES, CA | DEC. 2011 - AUG. 2012

- Developed mobile app focused on location services for an iPhone and iPad, a JavaScript SDK.
- Performed maintenance on back-end using .NET.

JUNIOR DEVELOPER

TBWA\CHIAT\DAY | LOS ANGELES, CA | NOV. 2010 - DEC. 2011

- Completed over ten projects for clients including Visa, Nissan, Infiniti, Gatorade and Energizer.
- Lead Developer for www.myversaroadtrip.com, a large promotional contest launched for Nissan USA that features a build-your-own road trip using Google Maps flybys. Designed and built the database, using LAMP, to accommodate large sets of data, such as social media data from Facebook, and Google Maps coordinates for the maps.
- Sole Developer for www.infiniti-gsedan.com, a mobile web application designed to run on iPhone, iPad and Android devices featuring Infiniti's 2011 G-Sedan. Built the application from the ground up using JavaScript and utilizing the newly introduced HTML5 and CSS3 animations.
- Designed and built a large scale MySQL database to store incoming social media data (Facebook, Flickr, Youtube) and instructed a team of eight developers in use of database.

JUNIOR DEVELOPER

SHOPIT.COM | LOS ANGELES, CA | SUMMER 2007 & 2008

- Collaborated with a small team of developers of a brand new startup to revolutionize and integrate social media with e-commerce.
- Programmed web pages for social e-commerce website in HTML, CSS, PHP, JavaScript and AJAX.

JUNIOR DEVELOPER

TRAILER PARK | LOS ANGELES, CA | SUMMER 2006

- Coded entertainment industry associated websites in HTML, CSS and JavaScript.
- Learned skills to cut-and-code web pages using Photoshop and Illustrator.

ALEX NORDLINGER

SOFTWARE DEVELOPMENT MANAGER AND ENGINEER

CONTACT

310.699.0125

alex.nordlinger@gmail.com

Los Angeles, CA

alexnordlinger.com

REFERENCES

CHARLES ANNENBERG
BOARD MEMBER
The Annenberg Foundation
charlieexplore2@gmail.com

JONATHAN SILVIO
DIRECTOR OF TECHNOLOGY
explore.org
jsilvio@explore.org
510.393.7525

DANIEL LUONG
CTO
Forelinx
danielluong17@gmail.com
626.322.5889

DANIEL WILHELMSEN
SR. FULL STACK ENGINEER
explore.org
dpwilhelmsen@gmail.com
781.420.3867