

Phillip Weston

Senior UX / API / Platform Engineer

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UX-driven software engineer with a key focus on ensuring user comprehension. Frontend experience with React/Redux, Vue.js, Flutter, and other frameworks. Experience building REST APIs in Node.js, GraphQL, AWS, GCloud, Terraform, CI/CD, Kubernetes, and a general practice of DevOps. Nearly 20 of experience spanning many facets of the development lifecycle. EQ-driven advocate for peer, product, and process improvements. Have lead multi-engineer and intra-organization efforts and looking to expand upon those abilities.

EXPERIENCE

The California Foundation for the Advancement of the Electronic Arts

November 2019 - Present

Software Designer / Engineer

- designed and built gate checkin-system using Flutter for both iOS and Android capability
- received praise from main stakeholder as brilliant and easy to use application
- received praise from financial administrators as simple to ascertain guest occupancy throughout the event for final budgeting purposes
- used by over 30 different people during the event with no issue
- shared repository and successfully onboarded another developer to help finalize the product
- key features include the ability search users by first, last, or license plate and to transfer and redeem tickets
- simple flow to acknowledge liability waiver and enter license plate information that can later be looked up
- audit log to identify when guests arrived and who transferred tickets to who
- used BLOC state management system for display of different screens
- wrote Node.js Postgres backed API leveraging knex/Objection.js for data modeling and querying
- seeded PayPal purchased ticket CSV to create initial dataset
- output event attendance to CSV for final budgeting purposes

Lattice

July 2021 to January 2023

Senior Software Engineer

- led feature development efforts to implement impactful customer features
- clarified complex technical documentation
- developed internal tools to facilitate large customer data migration, including the Retool CX app, worker, SQS queue, and terraform / kubernetes manifests
- collaborated across teams to identify touch points and how best to integrate
- lead and facilitated team meetings whenever necessary to unblock or clarify a subject
- introduced regular recurring process meetings to address team challenges

WorkBoard Inc.

Aug 2020 to Jul 2021

Senior Software Engineer

- helped increase team morale by advocating for process changes to enhance developer productivity
- developed e2e tests to validate integrations in a multi-session application
- helped develop React patterns for future developers to follow, including simplified Redux management
- refactored and simplified existing PHP code to allow for less developer upkeep
- worked with product and design to identify and clarify product requirements, including suggested enhancements to already spec'd user flows
- prototyped different options for extracting micro-services from a monolithic application with little to no user impact
- created UX prototype to demonstrate machine learning based suggestions

Medcreds

April 2020 - September 2020

Software Architect

- designed platform used to issue first Covid-19 verifiable credential
- lead a multi-national team of engineers from rough concept through to working platform
- engaged with customers to implement informed feature enhancements
- leveraged Gitlab AutoDevops for quick and clean multi-stage deployment to Kubernetes
- encouraged migration of initial cloud functions into Koa based API
- documented API endpoints for future use using Swagger
- leveraged Vue.js and Vuetify to rapidly create a smooth frontend experience
- designed a flexible database schema allowing for multi-org multi-role integration
- built out the first marketing site leveraging Adobe stock art and Netlify
- supported content creators via self-hosted Ghost blog
- created documentation allowing easy use of the platform for registered doctors
- developed multi-session end-to-end tests using codecept.io / Playwright

Disney Streaming Services

May 2018 to April 2020

Senior Software Engineer

- created a very well received UI to enhance existing video streaming API
- added necessary API updates needed to support the UI
- migrated vanilla Vue.js app over to Nuxt.js
- maintained and supported existing rapid API prototyping tool and extended it
- integrated with corporate SAML using custom built OAuth service
- AWS, Docker, Jenkins, Node.js, Vue.js, Koa

Async Design

March 2018 - Present

Lead Software Consultant

- developed new Long Term Care insurance website using Vue.js and Material UI
- increased clients conversion rate for new LTC requests from 3.51% to 5.88%
- integrated new form with GraphQL / Hasura to persist data
- updated legacy Angular 1.3 CRM to support leads generated from new LTC site
- created calculator for Agents to generate quotes
- created API for web -> PDF rendering of insurance quotes, ingestion of data and transformation of data, etc
- leveraged Sentry to catch and report on application errors
- automated deployment of services to Google Cloud Run
- created Kubernetes cluster leveraging Flux GitOps to sync git repository with cluster
- migrated existing CRM over to Close.io
- built dashboard allowing more granular view of leads, with integrated FedEx shipping label support
- supported legacy real estate React app, adding and upgrading existing features
- created crontab script to aggregate existing leads from several sites and inject/merge them into CRM
- created crontab script to query and SMS users of varying response levels

Turnitin

Sep 2015 to May 2018

Senior Software Engineer

- developed applications using React / Redux
- developed micro-services using Java Spring boot
- deployed to Kubernetes infrastructure in AWS
- contributed to continuous integration efforts using both Jenkins and Circle CI
- wrote unit and end2end test coverage
- maintain legacy Sproutcore / Perl applications - agile / scrum

Jiff, Inc.

Mar 2015 to Sep 2015

Frontend Engineer

- developed features for health care application in AngularJS
- leveraged ES6 and both Grunt and Gulp for deployment

Moboom

Jun 2014 to Mar 2015

Software Engineer

- developed a fluid user experience for website builder using Backbone.js
- leveraged agile/scrum methodologies to roll out features quickly

Genesys

Sep 2013 to Jun 2014

Software Engineer

- conceptualized and built 'VoiceAlert' single page web application for monitoring call voice quality
- built JSON API using Ruby on Rails and Rabl/OJ gems
- utilized Sidekiq to perform bulk of application work and Clockwork for job scheduling
- designed simple to use interface using Flat UI (bootstrap add on) and Angular UI
- built front end using AngularJS and not a single jQuery call
- created custom Angular directive using wavesurfer.js for on-the-fly waveform creation
- created VoiceAlert deployment cookbook using Chef
- created AWS deployment tool using AWS API to launch instances and manage security groups
- built selenium web testing engine to regularly validate functionality of customer facing web portals
- created Jenkins jobs to deploy new tenant environment in AWS

VMware

May 2008 to May 2013

Systems Automation Engineer

- designed and managed weekly code testing and promotion lifecycle
- built and managed Subversion repository for classroom automation tools
- built multi-stage classroom deployment mechanism for deploying VMware hosted classes
- designed and built deployment metric gathering tool using Python and MySQL
- developed and maintained self-healing scripts to correct for errors and edge conditions
- architected load balanced PXE environment for physical host deployments
- designed and built self-configuring Linux virtual machines used by trainers and customers

- designed and deployed vSphere clusters for administrative environments
- lead project to deploy VMware's Advanced Certification exam environment

Moksha Tribe
Member

Oct 2003 to Jan 2009

Moksha Tribe is a not for profit group in the Bay Area.
We throw events and donate all proceeds to the Larkin Street Youth Center in San Francisco.

MobiTV
Application Support Engineer

Feb 2007 to Apr 2008

- built web scraping tool using Perl to monitor video feeds and alert when service was out
- traced issues through architecture and fixed issues or escalated to application developers
- analyzed application behavior and developed scripts to fix recurring issues
- wrote self-healing solutions for common problems for which there were not yet any engineering solutions
- implemented Nagios & Cacti monitoring solutions

Headsets.com, Inc.
Web Designer / Systems Administrator

Apr 2005 to Feb 2007

- designed and built splash pages for marketing advertisements
- contributed to the complete redesign of Headsets.com and the design of headsetdiscounters.com
- designed redundancy into our web servers through load balancing
- designed redundancy into our database using fail-overs built into the website code
- secured our customer facing systems through use of technology like port knocking, Nessus, and Tripwire to reduce the risk of being hacked
- ensured that we had both onsite and offsite backups of website and database
- implemented and designed web related marketing campaigns
- managed our Google Adwords and affiliate programs

CERTIFICATIONS

VMware Certified Professional 5 - Data Center Virtualization
VMware

Mar 2013

Redhat Certified Engineer (RHEL5)
Redhat

Jan 2008

SKILLS

- Flutter
- Provider
- BLOC
- Ableton Live
- Cubase
- Rekordbox
- React
- Redux
- Vue.js
- Node.js
- Python
- Git
- Docker
- Kubernetes
- AWS
- Google Cloud
- Verifiable Credentials
- SSI
- Linux
- MySQL
- Postgres
- Virtualization
- CI/CD
- Javascript ES5/ES6
- MongoDB
- Agile
- Webhooks
- Adobe
- REST
- AJAX
- API

- UX

EDUCATION

Devbootcamp

2013 to 2013

Full Stack Web Developer

- 800+ hours of hands on learning to build web applications
- learned Ruby, Sinatra, and Rails, object oriented Javascript, and jQuery
- freshened up my CSS and HTML skills •Engaged in pair programming and several group projects

ITT-Tech

2000 to 2002

Associate's degree

- Formal studies about computer networking and operating systems.

RECOMMENDATIONS

John Saito

January 2023

Product Design @ Lattice

Phillip helped build super impactful features during his time at Lattice, and I feel lucky to have witnessed it firsthand as his design partner. He displayed a great sense of ownership for the projects he led, and I also appreciated his great UX instincts. He was an awesome teammate, and I'll miss him!

Anthony Nyström

June 2021

Director of Engineering, AI and Data Science

When I met Phillip, I thought to myself (aside from I like him a lot) he is a very unique individual and engineer. He asks questions, the questions you don't think of, and occasionally the questions you really should have been asking yourself, and thanks to him, you begin to do just that. He's intuitive, intellectually curious, creative, honest, and humble. His engineering skills are beyond excellent, and he will be missed greatly. I am reminded of a project I asked him to help me develop. (An interface was needed for two predictive models I was testing) He immediately understood the goals and the vision and created the POC solution quickly, and he exceeded all of my expectations. His future peers are fortunate to have him. I will miss you. Hope we see each other in the future. Good luck, Phillip (However, I don't think you need any of that luck stuff). Take care.

James Chao

5/4/18, 1:33 PM

Principal Software Engineer, Turnitin

Phillip is a passionate and all-around solid software engineer. A true full stack senior engineer, he is able to handle everything from app/service deployments to APIs, to frontend app development, which is his passion and specialty. Aside from his tech skills, one of the biggest things I appreciate about Phillip is his dedication and passion--doing whatever it takes to help his team deliver on their commitment, and being a strong presence of support for his teammates.

John Heron

8/14/13, 1:54 PM

Site Reliability Engineer, Wish - Shopping Made Fun!

Phillip did a great job with developing the automation for getting the thousand or so servers at VMware Education installed, configured, and populated with VMs on vSphere and vCloud director on a weekly basis using command line, SDKs, Python and any number of other tools. He figures things out and gets things done plus he keeps a good attitude and is a fun guy to work with. I'd work with Phillip again in a heartbeat.

Tom Lee

5/7/08, 4:25 AM

Senior Manager, Technical Program Manager, Palo Alto Networks

Phillip is very dependable and extremely driven. I could always count on him to work on tasks, solve problems and communicate concerns. Without his efforts we would not have been able to raise roughly \$2000 for Larkin Street at our latest fund raiser in March.