

PERSONA

My name is Alexander Vaos and I love changing the world.

I've worn nearly every hat I could put on in the last 18 years. I truly love being a part of something meaningful.

I love every part of creating a product: starting from an abstract idea, working through the experience, writing up it's features, designing it, architecting it, building the front-end and back-end, integrating with other apps, bringing it together, testing, and ending at a physical result that makes a difference in someone's life. At an early age, I pursued design and programming, eventually learning some of the other components of a business: marketing, product management, business development, sales. I worked as a part of every company size, from startup to enterprise. I've learned the delicacy of a startup, and how essential ROI can be for the roadmap of any company.

I'd like to make an impact and create products people love, use, and can learn things from. I'd like the change the world one step at a time.

PORTFOLIO

RESUME	ALEXVAOS.COM/RESUME
WEBSITE	ALEXVAOS.COM
GITHUB	GITHUB.COM/KRIOGENXO
LINKEDIN	LINKEDIN.COM/PUB/ALEX-VAOS
STACKOVERFLOW	STACKOVERFLOW.COM/USERS/327934/ALEX-V
BEHANCE	BEHANCE.NET/KRIOGENX
FLICKR	FLICKR.COM/ALEXVAOS

FULL-TIME POSITIONS

2015-2018

SENIOR FULLSTACK ENGINEER

MEDIDATA

MDSOL.COM

Overseeing 8 codebases, front-end applications and API services.
Configured countless new applications from scratch with Rails, Rack, Express (Node), and Roda, using React/Webpack for front-end. Mentored and lead the UI Teams. Lead teams to use new technologies and architectures such as React, Webpack, Flux, Rack, NodeJS. Architected servers for Single Page Applications in serverless and thin middleware configurations. DevOps for all new servers. Revived and upgraded legacy Rails projects. Ported Rails apps from views to SPA. Completely overhauled front end assets. Built a PubSub messaging service. Architected and maintained shared component libraries. Integrated with SocketLabs, SumoLogic, New Relic, CAS, SSH with Faraday.

Front-End

Built front end applications with Node, Webpack, React, Redux, AltJS, Angular, Superagent/Axios, Bootstrap, Sass.

Testing

Designed Testing frameworks for Microservices / SOA Architecture. Mentored Testing teams on architectural challenges and SPA challenges. Testing SPAs with Karma, Jest, Mocha, Chai, Sinon, Enzyme, Puppeteer, CucumberJS, Cucumber (Ruby), Capybara, SitePrism, Pact, Mountebank.

DevOps & Platform

Configured, maintained, deployed and troubleshooted AWS corrals and linux instances with chef recipes, Capistrano. Configured Encryption at Rest on RDS. Used Docker, Vagrant, and 12 Factor deployment methodologies. Strong understanding of Nginx, Passenger, Puma. Proof of concepts in Serverless and thin middleware using Roda & Rack.

2015

SENIOR UI ENGINEER

GUIDEBOOK

GUIDEBOOK.COM

Front-End position based primarily on React.
Created endless reusable React Components decoupled from business logic. Used Facebook Flux for unidirectional data flow. Used many libraries such as React Router, Formsy, Bootstrap, while forking and making contributions to some. Ran Agile Methodology / Sprints on team of 10. Established a proper issue tracking system and Agile process. Deployed using Ansible to Cloudfront for serverless SPA architecture. Gulp & Cult used for JS Tasks. Configured test architecture with CucumberJS to run end to end tests. Experience with Django (Python) Backend.

FRONT-END

REACT, FB FLUX, FORMSYJS, BACKBONEJS, PROMISEJS

BACK-END

NODEJS, WEBPACK, CUCUMBERJS, GULP/CULT, DJANGO, BASH, ANSIBLE, CHEF, DEPLOY SCRIPTS, NATIVE JS

MISC

AGILE METHODOLOGY, RAN SPRINTS, PROJECT MANAGEMENT

2012-2015

SENIOR FULL-STACK ENGINEER

PLUM DISTRICT

DAILY DEAL SERIES C STARTUP

Hired for a Serverless Single Page Application in BackboneJS, Handlebars, Stache, SASS.
Startup pivoted and switched to Product, Design, and Rails.
Worked as Product & Design for Email Campaigns, a Marketplace, and many pivot ventures.
Created an Email Sending service on custom Ruby server using DelayedJobs, ActiveRecord.
Created an Email Templating WYSIWYG piece with running custom SQL queries for Analytics.
Created a PubSub Notification server with Rails, Redis. SocketIO.
Configured Chef Deployments and wrote recipes in Ruby and Shell Scripts.
Maintained API (Rails 3), Product Site (REE 1.8 / Rails 2), Mobile App (Objective C).
Merged acquired startup's front and back end into product.
Integrations & Monitoring with Airbrake, New Relic, SendGrid, MailGun, Shopify.
Used Vagrant & VM and wrote Shell Scripts for provisions and deployment.
Testing with Cucumber, Capybara, SitePrism (Page Object Model).

...FULL-TIME POSITIONS

2011-2012

CHIEF ENGINEER

OMNESCO

AUTOMOTIVE WARRANTY STARTUP

Omnescio is a Small Automotive Warranty Startup of less than 10 employees. It was a angel invested venture. Started PHP codebase from scratch for small team. Wrote Back-End and Front-End for Vehicle selector tool, checkout process. Wrote a scraper to scrape ASE Mechanics site. Integrated with constantly changing third-party services. Wrote integration tests for services to catch changes.

Product, UX, and Design for entire product along with another team member.

Designed and launched Email Marketing Campaigns.

2011

APPLICATION ENGINEER

SAVEOLOGY

SAVEOLOGY.COM

Saveology is a corporation of approximately 1400 employees based in Fort Lauderdale, Florida. Rails Engineer & Front-End Engineer for Startup Venture in an existing corporate company. ASP.NET (C# & Visual Basic) Engineer and Front-End Engineer for corporate side of company. Mentored and lead weekly discussions on Front-End Architecture. Worked with CTO, tech team, and Product team to develop new ideas to monetize corporate side. Lead massive platform ASP.NET architectural discussions trickling upward to CTO and CMO. Leading the push for ASP.NET MVC 3. Worked on Rails Daily Deal site with HAML, SASS. Developed and ran Cucumber automated tests. Wrote front-end platform libraries used it many sites. Single handedly designed, developed, and deployed affiliate sites. Tools used: ASP.NET MVC, WebForms (refactors), MSSQL, Rails, Postgres, HAML, SASS, Cucumber, Team Foundation Server, Git, SVN

Left position to move to California.

2009-2011

UI ENGINEER

AUCTION123

AUCTION123.COM

Small Automotive Company (<50 employees) based in Weston, FL. Ran Product & Design, and managed off-shore team for Startup venture. Built platform tools for corporate SASS and dealership websites. Early adoption of Facebook Integration (FML) and won award for best Automotive Facebook Application. Wrote C#, coolite, spark, and razor templates for corporate software, using YUI for tools and compression. Built rich applications in Sencha (ExtJS) for corporate software. Designed and built custom Dealership websites in PHP, Javascript, CSS. Wrote countless jQuery plugins and native Javascript tools including: Image Previewing tools, Selection Marquee, Carousels. Built Photoshop template and ExtendScript (PS) for producing infinite colors schemes available for all browsers at the time. Wrote scripts in ActionScript to import data into Flash from WebServices. Strong knowledge in Cross-Browser support in all browsers including IE6-9.

2007-2010

FULL-STACK DEVELOPER

WINTER MUSIC CONFERENCE

WINTERMUSICCONFERENCE.COM

Small Company responsible for massive annual music conference, based in Fort Lauderdale, FL. Full-stack LAMP stack (Linux, Apache, MySQL, PHP) deployed on dedicated servers. Single handedly designed and developed many applications including: A Voting Ballet, a social network with messaging, event listing tool, surveys, AJAX photogallery. Ported event manager from Classic ASP (VBscript) to PHP, while redesigning and adding new features. Built and configured ecommerce store. Print Design and layout for books, magazines, brochures, tickets, shirts, products, flyers by using Photoshop, Illustrator, Indesign, Quark. Wrote export scripts for Indesign to layout entire books with styles. Web design for site and web apps. Event & Product Photography.

2004-2006

JUNIOR DEVELOPER / DESIGNER

ELEMENTAL STUDIOS

ELEMENTALSTUDIOS.US

Website and Media Agency in Hollywood, FL. Built Flash websites from design. Complex animations using Flash. Rich Flash applications with ActionScript and content managed by handwritten CMS in PHP, via XML feed. Created dynamic PHP forms, managed by CMS. Product, UX, and design for website clients. Installed web apps on linux machines.

SIDE POSITIONS

2015-	FOUNDER ENGINEERING DESIGN	IRON YOUNG RAILS, CAPISTRANO, REACT CMS PRODUCT PHOTOGRAPHY, UI DESIGN	IRONYOUNG.COM
2015-2017	PRESIDENT ENGINEERING DESIGN	PAUL & VAOS RAILS, CAPISTRANO, STRIPE, JQUERY. BUILT: SITE, CMS UI DESIGN, PRODUCT DESIGN, PRODUCT PHOTOGRAPHY	PAULANDVAOS.COM
2015	PRODUCT PRODUCT FULL STACK	INTELLIGENT DEALER PROTOTYPING NEW DESIGN OF WEB APP METEORJS (NODEJS, MONGODB), JQUERY	REVERSERISK.COM
2013-2014	PRODUCT PRODUCT DESIGN PROJECT MANAGEMENT MOBILE	MYBEANJAR REDESIGNED MOBILE APP MANAGED OUTSOURCED TEAM MINOR DEVELOPMENT, CODE REVIEWS	MYBEANJAR.COM
2011-2012	PRODUCT FE BUILT FULL STACK PRODUCT & DESIGN	STATUS STALKER SOCIAL NETWORK LAMP (PHP, MYSQL), JQUERY, MUSTACHE, FACEBOOK INTEGRATION WEB APP DESIGN, LOGO DESIGN	STATUSSTALKER.COM

TOOLS

LANGUAGES | LIBRARIES

Ruby	Rails 2 - 5, RSpec, DelayJobs, Redis, Cucumber, FactoryGirl/Bot, Stache
NodeJS	Express, Webpack, Sequelize, Meteor, SocketIO
Javascript FE	ES6, React, Angular, CoffeeScript, Backbone, D3, Underscore/Lodash, OOP, jQuery, Sencha/ExtJS, Twitter Bootstrap, Sass, Less
PHP	Laravel, Code Igniter, CakePHP, Symfony, WordPress, Drupal, Joomla
ASP.NET / ASP	C#, VB, Classic ASP, ASP.NET MVC, Team Foundation, Razor, Visual Studio, Resharper
iOS	Swift, Objective C, CocoaPods, Cordova, Flurry
Flash	Actionscripting: AS2, AS3
Other Languages	Shel & Deployment Scripting, C, C++, PS Extendscript, Macro Hacks

PATTERNS

DevOps	Gulp, Cult, Grunt, Chef, Capistrano, Amazon AWS, Heroku, Engine Yard, Beanstalk
Front-End	HTML5, CSS3, Semantic CSS, W3C Compliancy, CORS
View Engines	React, HAML, Jade, Mustache, Handlebars, ERB, Smarty, Razor, Spark, Sass
Databases Stores	MySQL, Redis, MSSQL, Postgres, MS Access, MongoDB, NoSQL, SQLite
Revision Control	Git, SVN, Team Foundation, CVS, Mercurial
Integrations	Salesforce, Authorize.net, CyberSource, Stripe, Facebook, Twitter

PRODUCT | DESIGN | PROJECT MANAGEMENT

Task Management	Pivotal Tracker, Jira, Sprintly, Confluence, YouTrack, Asana, Mantis, Trac, BugTracker, Copper
Prototyping	InvisionApp, Google Docs, Hackpad, Invision, LucidCharts, Visio, Balsamiq
UI Design	Sketch, Photoshop, Flash
Print Design	Photoshop, Illustrator, Indesign, Quark
3D Design	Maya, Cinema 4D
Photography	Adobe Camera Raw, Photomatix Pro
Filmmaking	Adobe Premiere, After Effects, Final Cut Pro
Audio Engineering	Pro Tools, Logic, Ableton Live, Reason, Native Instruments Suite, Reaper

INTERESTS

ARTS

PHOTOGRAPHY
FILMMAKING
COMPOSING MUSIC
AUDIO ENGINEERING

SPORTS

SNOWBOARDING
SKATEBOARDING
SURFING
HORSEBACK RIDING
KAYAKING
MMA / KICKBOXING
BALLET
BMXING / CYCLING

TRADES

WOODWORKING
CIRCUIT BENDING & ELECTRONICS
MECHANICS

LANGUAGES

ENGLISH
GERMAN
GREEK