

# Travis Krause

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## EXPERIENCE

### **General Motors (Intersys):** Lead Software Engineer

(2017 - Present)

*Python, MSSQL, Oracle DB, PHP, Pivotal Cloud Foundry, Flask, Django, Laravel, Team Foundation Server, .Net, JWT, CI, Agile, RabbitMQ, Redis, SQLAlchemy, Go, Java*

- Managed international team in building microservices for GM's Maven project.
- Architected organization's official Python microservice framework & trained their first official Python team
- Worked w/ architects to design & implement the Users & Identity cluster, including the auth system.
- Coordinated with DevOps & Architects to set up CI pipeline for Python in Pivotal Cloud Foundry & Concourse

### **Q2 (Intersys):** Consultant

(2017)

*Q2 Wedge, Python, MsSQL, JavaScript, Git*

- Contract developer inside of Q2's Pro Serve team, working closely with technical lead and PM in an agile environment
- Utilized in-house framework to build 13 custom extensions for 9 banks and credit unions

### **Saatva:** Software Engineer

(2015 - 2016)

*PHP, MySQL, Javascript, Git*

- Lead software engineer for a 4-year-old startup with \$150M in revenue
- Worked directly with CTO & CMO to help organize dev department, improve sales, and increase conversions

#### **Major Project**

- [Zenhaven.com](#): Lead on the launching of company's new product. Designed new backend that's compatible with the current admin and logistics platform. The new site and product processed over \$3M within the first month of launch. *PHP, MySQL, SASS, Gulp, Javascript, & CSS*
- [Saatva.com Redesign](#): Rebuilt Company's flagship site & began the process to move all sites to a new platform. Site processed \$15M within the first month of being launched. *PHP, MySQL, CSS, Javascript, & CSS*
- [Dragon](#): Migrated legacy admin used by 80 customer service reps to a custom & streamlined platform. *PHP, MySQL, SASS, Gulp, Javascript, CSS, Bootstrap, & Laravel*

### **Code Foremen LLC:** Owner/Consultant

(2011 – 2015)

*Python, PHP, JavaScript, Node, Django, Flask, Meteor, Wordpress, MySQL, Postgres, Git*

- Provided software consulting and development services for clients
- Operating small software development agency with a team of freelance developers

#### **Major Projects:**

- [AK Carbon Exchange](#): Created carbon emissions trading platform that enabled Alaska Native villages to sell carbon tax credits to oil & gas companies. Recruited and managed one developer for the project. *Python, Tornado, PostGIS, Postgres, Sass, Javascript, Leaflet, Foundation, & Stripe*
- [ADP Mapper](#): Created web app that helped home buyers browse 'For Sale By Owner' properties. Collected data from several 3rd party APIs. *Python, Django, JavaScript, CoffeeScript, Google Maps API, JQuery, & Bootstrap*
- [Bill Track 50](#): Wrote natural language processing rules to parse state legislation for a startup. *Python*
- [ScramCRM](#): Created SaaS platform that enables users to track their SMS conversations in both their professional and personal lives. *JavaScript, Node, Meteor, Mongo, Twilio API, Angular, & Less*
- [Cheers!](#): Social drinking app that enables barflies to earn free beer with their friends. *Phonegap, Sencha, PHP, CSS, Javascript, MySQL, BumpAPI, Google Maps API, & Geo-fencing*
- [Fannie Mae](#): Worked with lawyers to create bankruptcy validation rules to help Fannie Mae filter through bankruptcy requests. *PHP & MySQL*
- [Northern Air Cargo](#): Built website for Alaska's largest air cargo company. *PHP, Wordpress, CSS, JavaScript, JQuery*

### **BuyAnyCoin LLC:** CTO

(2014 - 2015)

*Node, JavaScript, Mongo, Angular, Less, CoffeeScript, Meteor, Bitcoin, Cryptocurrencies, Git*

- Technical lead in bitcoin startup that
- Designed system that met FINCEN regulatory requirements
- Connect with partner stores to scope & implement POS integrations with a small team of software engineers

#### **Major Project**

- [BuyAnyCoin](#): Created online platform that enables clients to deposit USD either online or at a participating retailer's Point of Sale and then convert balance to either bitcoin or a number of other cryptocurrencies. *Bitcoin, Node, Meteor, Angular, Less, Bootstrap, Cryptsy API, BitFinex API, Cryptocurrencies, QuickBooks SDK, Java, Websockets, & BlockScore API*

**Expert Approach:** Technical Lead (2012 - 2014)

*Python, PHP, JavaScript, MySQL, Postgres, Git, .Net, Access*

- Split time between software development and administrative tasks
- Worked with large clients to identify, scope, and resolve technical challenges
- Primary software engineer within company
- Managed company's second office

### Major Projects

- IRS Tax Forums: Directed IT & software development for \$6M+ IRS project with a 6 person team of software engineers. Split time between being a software engineer and a project manager. **PHP, MySQL, ConnectWise, Git, Linux, SourceTree**
- Professional Insurance Agents: Lead developer & architect for the creation of a commission disbursement system for an insurance brokerage. The system was able to reduce overhead costs by \$500k within the first year of use. **Python, Postgres, Django, JQuery, & JavaScript**
- Office of Population Affairs: Created document sharing and management platform that provides analytics on open-ended feedback from thought leaders. **Python, Django, Angular, Less, Bootstrap, JavaScript, Postgres, & DiscoverText API**

**CBORD:** Software Engineer (2010 – 2011)

*Oracle DB, Oracle PL/SQL, PHP, JavaScript, Python, Visual Basic, Smarty, Crystal Reports, Perforce*

- Complete projects, adding value to CBORD's access control product CSGold
- Lead programmer in Smarty 3 and PHP 5.3 compatibility project
- Key developer in Mobile Web conversion project
- Worked extensively with Oracle database to add new features and maintain existing code

**Parlei:** Founder (2009 – 2010)

- Founded custom design suit company
- Established sophisticated supply chain with vendor in China

**Baylor i5 (China):** Assistant Project Leader (2009 – 2009)

- Helped manage R&D project for Marco Company in China
- Manage international technical team

## TOP TECHNICAL SKILLS

*Python, JavaScript, Node, Meteor, Django, Git, Flask, PHP, Wordpress, CSS, Less, CoffeeScript, Java, MySQL, Postgres, SQL Server, Oracle DB, .Net, Laravel, Continuous Integration, Linux, Less, Pivotal Cloud Foundry, Concourse, JSON Web Tokens (JWT), Microservices, Jira, Team Foundation Server*

## EDUCATION

**Baylor University:** Bachelors of Business Administration (Class of 2010)

- Double Major: Entrepreneurship & Management Information Systems
- Concentration: Professional Selling
- Honors College: Baylor Interdisciplinary Core

## EXTRA CURRICULAR

### Open Source:

- ics.js - Browser friendly VCS (calendar event) file generator written entirely in javascript (**JavaScript & iCal**)
- psycopg2-windows - Pip & virtualenv friendly version of psycopg2 for Windows (**Psycopg2, Pip, Git, Postgres, & Python**)

### Young Men's Business League & Sunshine Youth Camps:

- Technology Chair (2017 - Present)

### Startup Weekend:

- 2015 Austin & 2015 Alaskan Startup Weekend - Organizer & Coach
- 2012 & 2014 Alaska Startup Weekend - Lead 1st place team (Cheers! & SwipeAPI)

### AK Entrepreneurs (Founder):

- Started Alaska's largest entrepreneurship community. Currently over 620 members
- Worked with the 49th State Angel Fund and the Anchorage Economic Development Corporation to run Alaska Startup Week

**Boy Scouts of America:** Eagle Scout!