

# Kevin Colten

## Chief Technology Officer

Austin, TX

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## TECHNOLOGIES

JavaScript · Node.js · Express.js · React.js · React Native · SQL · NoSQL ·  
Snowflake · Data Visualization · Metabase · Business Intelligence · Executive  
Dashboards · AirByte · Custom ETLs · DigitalOcean · AWS · Heroku · Dokku · CMS  
· LMS · CRM · HubSpot · Integrations · Browser Extensions · Postman · REST API  
· JSON · MarTech · Sales Ops · Stripe · MLS (RESO/RETS) · Agile SAAS ·  
Engineering Management · GitHub · GitHub Actions · CircleCI · Ruby/Rails ·  
Python/Django · PHP/Laravel · GIS/GeoJSON · NLP · Twilio · DNS · Cloudflare ·  
Matching Algorithms · Phishing Prevention · Server Monitoring

## EXPERIENCE

### Zollege — Chief Technology Officer

AUG 2019 - PRESENT **ACQUIRED 2021 by Serent Capital**

<https://zollege.com>

Managing technical infrastructure of 100+ vocational training schools across the US.

- Setting a vision for how technology will be used in the company.
- Ensuring that the technological resources meet the company's short and long-term needs.
- Outline the goals for research and development.
- Creating timelines for the development and deployment of all technological services.
- Making executive decisions on behalf of the company's technological requirements.
- Acting as a mentor to team members.
- Maintaining a consumer-focused outlook and aiding in the delivering of IT projects to market.
- Managing technology budgets and time frames.
- Staying on top of technology trends and developments.
- Ensuring all technology practices adhere to regulatory standards.

### Austin Coding Academy — Chief Technology Officer + Senior Software Engineer + Lead Instructor

AUG 2015 - Aug 2019 **ACQUIRED 2019 by Zollege**

<https://austincodingacademy.com>

In charge of all things technical, authored curriculums, and taught web development courses to adult learners.

- Responsible for entire company software infrastructure
- Created, maintained, and led interns and contributors on Campus Manager, our custom Learning Management System built with Node.js/Express.js/MongoDB/React.js/Backbone.js
- Authored curriculums on HTML, CSS, JavaScript, Backbone.js,

## PROFILES

[kevincolten.com](http://kevincolten.com)

[linkedin.com/in/kevincolten](https://linkedin.com/in/kevincolten)

[github.com/kevincolten](https://github.com/kevincolten)

## SKILLS

### Product Management

- Manage development team
- Maintain budgets
- Write out descriptive requirements
- Hire new technology role positions
- Train new technology hires
- Manage DNS and productivity software
- Organize product assets

### Sales Ops

- Build out and maintain CRM
- Automate workflows and movement of data
- Develop integrations
- Map out sales pipelines

### Marketing Technology

- Install marketing solutions
- Measure engagement and advertising
- Web development

### Cybersecurity

- Ensure compliance in technical and business architecture
- Enforce authentication and authorization policies
- Treat sensitive data as a liability rather than an asset

### Business Intelligence

- Map ETL pipelines to gather data from different services

React.js, Node.js, Express.js, MongoDB

- Developed student workbooks with CI integration for linting
- Built reporting infrastructure that combined data from multiple sources: Payments, CRM, LMS, etc.
- Implemented automation for web hooks, status checks, user events, reports, deployments, tests, etc.
- Implementing/analyzing tracking services such as Google Analytics/Tag Manager, Facebook Pixel, click heatmaps, etc
- Search Engine Optimization

## **Austin Devs, LLC — Owner**

April 2018 - PRESENT

Offer full stack web development and fractional CTO services to local startups and clients. Recruit, manage, mentor, and provide opportunities to interns and junior developers with real world projects and experience. Build business intelligence pipelines and infrastructure to new and medium sized tech-enabled companies.

## **SkillsEngine — Senior Software Engineer**

Oct 2017 - Mar 2019

<https://skillsengine.com>

Develop web service around skill predicting and aligning machine-learning driven service.

- Work with modern web stack: React + Redux, Ember, Ruby on Rails
- Agile environment and collaborative coding
- Full Stack development, worked on all corners of the code base, services, and integrations

## **Anaconda — Software Engineer**

JUNE 2015 - JAN 2017

<https://anaconda.com>

Bokeh contributor, an open-source python driven graph generator. Implemented and designed client-specific projects and solutions.

- Worked on <https://anaconda.org>, a packaging and environment manager repository
- Contributed to open-source packages such as Bokeh <https://bokeh.pydata.org>
- Contributed to <https://www.ospc.org/taxbrain/>
- Fast-paced full-stack client-specific projects with modern web development stacks
- Introduced and implemented Continuous Integration practices
- Tools worked with: Django/Django Rest Framework, Flask, Backbone.js, Bokeh, iPython Notebooks

## **Generation Ready — Lead Software Engineer + Architect**

NOV 2013 - JUNE 2015

<https://generationready.com>

Designed, built, and maintained in-house internet software. Headed small team of web developers and quality assurance technicians.

- Install and maintain SQL reports and data visualizations
- Monitor KPIs and IT budgets to assess technological performance

## **Support Operations**

- Install customer support pipelines
- Document and train support staff
- Provide tools needed to support customer troubleshooting

## **Technology Vendor Relations**

- Research vendor products that align with business needs
- Learn product and read documentation
- Train internal staff if needed
- Interface with vendor support if needed
- Negotiate cost of vendor services if possible

## **Qualifications**

- Proven experience as a CTO
- 8 years working in a technological role
- 5 years of engineering managerial experience
- Advanced technological skill set and a demonstrated history with technology
- Board presentations
- Knowledge of technological trends to build strategy
- Understanding of budgets and business-planning
- Ability to conduct technological analyses and research
- Excellent communication skills
- Exceptional team management skills
- Excellent verbal and written communication
- Leadership and organizational abilities
- Strategic thinking
- Problem-solving aptitude
- Ability to delegate efficiently
- Extensive industry knowledge with an eye towards the future

- Flourished in a fast-paced, agile environment
- Developed deep PHP and Javascript skills
- Tools worked with: Laravel, Backbone.js, MySQL, AWS

## CLIENTS AND PROJECTS

### CMAsnap — Partner + Fractional CTO

<https://cmasnap.com>

Developed and launched CMA software for realtors

- Built application from the ground up
- Integrated into CRM to track sales, support, and marketing
- Maintain Business Intelligence platform to monitor KPIs
- Agile development environment
- Enforce cybersecurity policies
- Research and implement third party software
- Hire and train new technology staff when needed
- Marketing tech, sales ops, and web development

### OliveUs — Fractional CTO

<https://oliveusapp.com>

Premium Sitter Matching App

- Built initial mobile app (NannyTribe)
  - [https://drive.google.com/file/d/1p-dIehxvL\\_uQCQ7Szq5K3drf4xr-2fH8](https://drive.google.com/file/d/1p-dIehxvL_uQCQ7Szq5K3drf4xr-2fH8)
  - React Native + Node.js/Express.js + Postgres
  - Beta release on TestFlight
  - Custom built matching algorithm
- Project manage outsourced development team
- Integrated app into CRM
- Build data pipelines and BI dashboards

### AdFree.Life — Ad Blocking as a Service

<https://web.archive.org/web/20181128042929/https://www.adfree.life/>

- Sets up a pre-configured Pi-Hole on a dedicated VPS
- Uses cron jobs to generate daily trials
- Hit #11 on Hacker News!
   
(<https://news.ycombinator.com/item?id=14910683>)
- Built with Express.js, Node.js, MongoDB, DigitalOcean API

## AWARDS AND CERTIFICATES

Math K-12 Texas Educator, Texas

Eta Phi Lambda Honors, Lamar University

Eagle Scout, Boy Scouts of America

## EDUCATION

### App Academy, San Francisco, CA — Web Development

JULY 2013 - OCT 2013

### Lamar University, Beaumont, TX — B.S. Communications, Cum Laude

AUG 2005 - DEC 2009

## OPEN SOURCE

### YoSQL — NoSQL/JSON to SQL converter

<https://github.com/kevincolten/yosql>

Converts NoSQL databases and JSON into relational databases

### Campus Manager — Learning Management System

<https://github.com/AustinCodingAcademy/campus-manager>

- Handles grades, attendance, screencasts, registration, payments, etc
- Over 1000 Users
- Supports webhooks with Zapier
- Powerful reporting engine
- Built with MongoDB, Node.js, Express.js, Passport.js, Backbone.js, and React.js