

# Kevin Coleman

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Highly skilled software engineer and architect with extensive experience in designing, developing, and implementing innovative solutions across healthcare, legal, and political industries. Expertise in Ruby on Rails, a multitude of Javascript frameworks, and various DevOps technologies, with a strong focus on system architecture, automation, and performance optimization. Proven track record of delivering scalable, data-driven applications, and implementing advanced data processing pipelines.

## EXPERIENCE

### Brightline, Staff Engineer

APRIL 2022 - PRESENT

- Technical lead for the Growth team, developing marketing tools for health plan subscriber outreach.
- Engineered high-performance ingestion pipeline for targeted campaigns.
- Architected fully automated direct mail and email marketing launches.
- Launched Brightline's first microservice for handling high throughput inbound webhook traffic.

### Cerebral, Engineering Manager/Senior Engineer

OCTOBER 2020 - APRIL 2022

- Founding backend engineer for first mobile application, developed new and modified existing APIs to facilitate the launch in December 2020.
- Drove technical design, architecture and leadership for a team of US-based engineers maintaining bespoke EMR systems and multiple offshore teams developing insurance verification and billing products.
- Implemented CircleCI pipeline, integrating React and Rails applications using Helm and Kubernetes.
- Championed department-wide initiatives to enhance automated testing coverage and reduce latency.

### LegalNature, Los Angeles — Senior Engineer

AUGUST 2017 - OCTOBER 2020

- Designed reusable form system using Vue.js and Ruby on Rails for legal document and business formation products.
- Developed a Ruby on Rails RESTful API and integrated it with a Vue.js frontend.
- Built web bot framework for automating business filings and implemented database sharding for GDPR compliance.
- Led the development of an automated CI testing pipeline, scaling test coverage from 100x.

### NationBuilder, Los Angeles — Services Software Engineer

JUNE 2014 - AUGUST 2017

- Addressed critical data defects in NationBuilder's Ruby on Rails monolith for high-profile clients.
- Developed an internal application to streamline the acquisition and updating

## SKILLS

Programming Languages: Ruby, JavaScript, Python

Frameworks: Ruby on Rails, Vue.js, Nuxt.js, React, Node.js

Databases: PostgreSQL, MySQL, Elasticsearch, Redis

DevOps: Docker, AWS, GCP, Kubernetes, Heroku, Helm, CircleCI, Fly.io, GitHub Actions

APIs: RESTful APIs, Stripe, Lob, Google APIs, Recurly, Chargebee, ChangeHealthy

Data Processing: Apache Spark, Data Migrations, Database Sharding

Testing: RSpec, Jest, Capybara, Automated Test Coverage

Web Performance: Google PageSpeed Optimization, Latency Reduction, DataDog Monitoring

Collaboration: Technical Planning/Shaping, Cross-functional Team Coordination, Offshore Team Management

## AWARDS

Deep Hands on Technical Leadership - Cerebral - 2022

of voter files.

- Managed a team of 6 data engineers to refresh NationBuilder's national voter file ahead of the 2016 General election.
- Designed high throughput voter file processing microservice using Python and Apache Spark.

## EDUCATION

### **Occidental College, Los Angeles — *Bachelor of Arts in Political Science***

SEPTEMBER 2010 - MAY 2014

- Gained valuable analytical, research, and problem-solving skills applicable to software engineering.
- Member of the Occidental's Men's Water Polo Team; served as team captain during senior year, demonstrating leadership, teamwork, and effective communication skills.
- Developed a strong foundation in critical thinking and data analysis, aiding in the ability to approach complex technical challenges.

## PROJECTS

### **Recipio.app (2020-Present) — *AI Enabled Recipe Aggregator***

- Created a user-friendly application for storing, organizing, and managing recipe links and shopping lists.
- Integrated AI technologies to intelligently categorize recipes and generate shopping lists based on user preferences.
- Developed a RESTful API to facilitate seamless interaction between the frontend and backend.
- Continuously improved the app based on user feedback and analytics, ensuring a high-quality user experience.

### **StudentIdeals.com (2015-2020) — *Student Deal Finder***

- Developed a full-stack Ruby on Rails, PostgreSQL, and React application that helped students discover discounts at businesses near them.
- Implemented geolocation features to display relevant deals based on user's location.
- Designed and optimized database schema to efficiently store and retrieve discount information.
- Utilized responsive web design principles to ensure a seamless user experience on various devices.