

# Erin Kelsey

## Senior Software Engineer

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🏠 <https://erinkelsey.io>

🌐 <https://github.com/erinkelsey>

## Relevant Experience

### Lead Software Engineer @ Streamline Technology

2018 - 2022 // Remote

- Design, develop, test, debug, deploy, maintain, and document all aspects of the development stack
- Setup and maintain development, test and production environments, and PostgreSQL databases, on AWS, using Elastic Beanstalk, RDS, S3, CloudFront, SES, EC2, Route53, ElastiCache, IAM and more
- Develop frontend web and mobile applications, using Flutter and Dart, in a single codebase
- Develop backend REST and GraphQL APIs, using Django, as a multi-container Docker application
- Setup and maintain CI/CD pipelines for frontend and backend applications, using CodeMagic and Travis CI

### Systems Analyst II @ Celero Solutions

2015 - 2017 // Remote

- Support the banking platform used by the company's clients (Fiserv DNA), by resolving production issues, implementing upgrades, and performing maintenance and testing
- Complete project work, as part of a multi-discipline team; some of these projects included creating and modifying existing data extracts, creating and modifying existing batch jobs, and assisting in the development of software solutions using the Scrum and CI/CD software development methodologies
- Participate in on-call rotation, handling any production issues that arise after hours
- Perform work with a high-level of precision and accuracy, due to the nature of the business

### Support Analyst @ Saskatchewan Cancer Agency

2014 - 2015 // Regina, Canada

- Provide technical support, in a healthcare setting, for computer systems, network users, and numerous software applications
- Ensure desktops, laptops, mobile devices, and application software and services had appropriate functionality
- Triage incoming support tickets from users, and escalate to other tiers, when necessary
- Handle a large volume of technologies, tasks and issues in a short period of time

### Web Developer @ University of Saskatchewan

2012 - 2013 // Saskatoon, Canada

- Extend the functionality of an existing Django web application, consisting of an online toolset for retrieving, collating and saving versions of textual documents to a database
- Develop server side of application, using Python, Django and PostgreSQL
- Develop client side of application, using Django, HTML, JavaScript and CSS

## Skills

### Programming Languages

Python, Dart, SQL, JavaScript (ES6+), HTML, CSS, Java, Bash

### Libraries & Frameworks

Django, Flutter, React, GatsbyJS, Node.js, Express, PostgreSQL, GraphQL, SASS, Bootstrap, Flask, MonogoDB, Redis, REST

### DevOps & CI/CD

AWS, Firebase, Heroku, Travis CI, GitHub Actions, CodeMagic, GCP, Google Play Console, App Store Connect

### Tools

VSCode, Docker, Android Studio, XCode, GitHub, Jira, Insomnia, Postman

### Graphic & UI/UX Design

Adobe Illustrator, Adobe Photoshop, Adobe Lightroom, Figma, Adobe XD

### Data Science & Engineering

numpy, pandas, matplotlib, seaborn, scikit-learn, scrapy, PySpark, ETL, Jupyter

## Education

### University of Saskatchewan

B.Sc. Honours

Computer Science

2012

## Languages

English



Spanish



French



## Interests

Travel, Photography, Paddle Boarding, Camping, Running, Reading, Scuba Diving (certified PADI Divemaster), Golfing, Cooking