

Sooyung Kim

Backend Software Engineer

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SUMMARY

A self-motivated software engineer who spent over a decade in medical devices, where I developed abilities to be methodical, analytical, and a critical thinker. I led 3 successful FDA 510(k) clearances as a subject matter expert while working cross-functionally. I am passionate about learning and cultivating technical skills and looking to grow my career as a software engineer.

SKILLS

Languages/frameworks: Ruby, Ruby on Rails

Tools/Workflow: ActiveRecord, Postgresql, HTML, CSS, Test driven development, RESTful routing, API, SOA, WebMock, VCR, Git, GitHub, Heroku, Agile, Serializer

SOFTWARE PROJECTS

FasTracks, (Group) [GITHUB Repo](#)

- Application built to create custom music playlist based on the workout type
- Integrated front end application that utilized OAuth, caching and mobile friendly views, as well as requested API data from the backend application

Market-Money, (Solo) [GITHUB Repo](#)

- Developed RESTful API app to expose the data through multiple API endpoints
- Implemented error handling process for API endpoints utilizing serializers to adhere to single responsibility principle

Viewing-Party (Group/Solo), [GITHUB Repo](#)

- Created a new viewing party page, where a user can create a party with date, time and duration of party, as well as add participants
 - Designed a path where users can find top rated movies and search movies by title, where the data from the top movies and search was completed consuming API data
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EXPERIENCE

ICU Medical, Lakeforest, IL - *Sr. Regulatory Affairs Associate*, **NOV 2021 - MAY 2023**

- Gathered product standard requirements and provided regulatory guidance to cross-functional team to comply with regulation specific to the country and market
- Led audits as a regulatory representative with regulatory agencies for continuous certification of product manufacturing

Evergreen Research Inc., Golden, CO - *Sr. Regulatory Affairs Specialist*, **JAN 2019 - NOV 2021**

- Managed multiple clients as a lead regulatory affairs specialist consultant
- Participated in FDA audits, notify body audits, internal audits, interact with auditors directly to provide information during audits for continuous certification of manufacturing

Smiths Medical, Plymouth, MN - *Microbiology/Toxicology Engineer*, **DEC 2015 - AUG 2018**

- Led **3** successful FDA 510(k) clearances for medical devices as a subject matter expert in microbiology
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EDUCATION

Turing School of Software & Design, Denver, CO— *Backend*, **AUG 2023 - MAR 2024**

University of Minnesota, Minneapolis, MN — *Bachelor of Science in Chemistry*, **SEP 2007 - AUG 2012**