

Kevin Guerrero

SOFTWARE ENGINEER

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[Github](#)
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Skills

Languages: JavaScript, Ruby, Python, HTML, CSS, SQL, C#

Technologies: React, Rails, Redux, Git, Sinatra, Heroku, Postgresql, RESTful APIs

Technical Projects

DevMaster | [Github](#), [Live site](#), Demo

- A project management desktop app inspired by Scrum framework with variety of features
- Implemented live chat features using Rail's websocket via Action Cable
- Designed user interface scrum board tracking tool with React DnD beautiful
- Integrated Github API to allow users to link Github repo to in-app project folders

Subhub | [Github](#), [Live site](#), Demo

- Web and mobile responsive app to track and manage monthly subscriptions
- Created subscription summary dashboard with React's Material UI and Recharts libraries
- Implemented user authentication and authorization using Bcrypt for password hashing

Sorting Visualizer | [Github](#), [Live site](#), Demo

- Tool to visualize multiple sorting algorithms with React and Redux for state management
- Implemented Merge sort, Quick Sort, Heap Sort, Insertion Sort, and Bubble Sort

Professional Experience

Siemens Healthineers

June 2016 - Oct 2021

Systems Engineer - Systems Integration, Characterization, and Verification

- Increased Service Engineer's shakeout productivity across a fleet of instruments by implementing auto-calibration features based on binary search algorithms in C#
- Troubleshooted system failures due to calibration inaccuracy using debugger tools and implemented software design solutions as the designated subject matter expert
- Led the design and development of over 40 software features relating to automated system calibrations and checks from design concept to system deployment
- Collaborated with Software and Mechanical Engineers under Scrum framework to meet project deliverables within the project roadmap and timeline

Education

Flatiron School, Remote

Nov 2021 - March 2022

Software Engineering Bootcamp

- Full Stack Web development in JavaScript, React, and Ruby on Rails

Stony Brook University, Stony Brook NY

Masters of Science in Biomedical Engineering, GPA: 3.59

Sept 2014 - May 2016

Bachelor of Engineering in Biomedical Engineering, GPA: 3.51

Sept 2011 - May 2014