

Nicholas Ray

Senior Software Engineer

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Experience

Wikipedia (Wikimedia Foundation)

Senior Software Engineer | March 2021 - PRESENT, Salt Lake City, UT (Remote)

Software Engineer III | July 2020 - PRESENT, Salt Lake City, UT (Remote)

Software Engineer | July 2018 - July 2020, Salt Lake City, UT (Remote)

- Implemented a [limited width design](#) on the desktop site intended to improve the reading experience. The new design was one of the most dramatic visual changes to the desktop site in a decade. It may have also improved the site's perceived performance and accessibility because of its rearrangement of the DOM.
- A top contributor in the implementation of the new typeahead search component for the desktop site. Check it out at fr.wikipedia.org.
- Refactored and fixed many bugs in the mobile site codebase (en.m.wikipedia.org).

UpWell (formerly Alliance Health) / Software Engineer

August 2014 - April 2018, Salt Lake City, UT

- Engineered a multithreaded shipment service using Java that emits RabbitMQ messages with each new shipment and is backed by a RESTful API.
- Led a migration process to move apps from the PCF platform to the ECS platform which resulted in a savings of over \$100,000 / year and improved stability.
- Refactored a real-time leaderboard single page application using Java for the backend and ReactJS for the frontend.
- Added and refactored numerous features in Ruby, Kotlin, Go, and PHP applications.

Side Projects

PainPencil / www.painpencil.com

2018 - PRESENT

- Building an app with the goal of helping people with chronic pain keep track of their symptoms and activity in order to gain insights into potential triggers and the best management of their pain.

Nomadnav / www.nomadnav.com

2021 - PRESENT

- Created a mobile app that lets car campers, van dwellers, and anyone else free dispersed campsites with internet access.
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Education

University of Oregon / Bachelor of Science (Pre-med curriculum)

September 2012, Eugene, OR

- Graduated summa cum laude (top 2%). Member of Phi Beta Kappa Society.
- GPA: 4.02