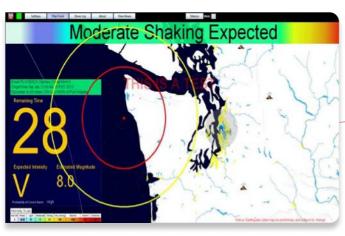
New E.R.A



Responsé

The Data

- Data is taken in from seismic sensors along the west coast using the ShakeAlert API
- 🖊 The data is then sent to the New ERA API, which calculates who is in danger and forwards alerts to subscribed users.
- Cloud Storage & Computing

High Availability

Highly Scalable

Technology used:

aws

(:) twilio

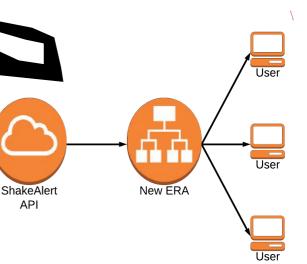


Earthquake

Current State

- XNo west coast early warning system outside of ShakeAlert Los Angeles
- ×Telecommunication companies can't support fast alert messages

XShakeAlert system is not public facing and can't support a large user base





Metrics

2,300 schools in Washington

API

Over 5 million people live in Western Wahington

Our solution has the potential to alert those that need it









Eric Wei





Information School UNIVERSITY of WASHINGTON

Jake Matray

Kelley Chen

Blake Franzen