

Eric R Betts

• Portland, OR • (503) 389-0207 • bettse@fastmail.fm • <http://EricBetts.org> •

Objective

To deliver elegantly designed solutions, to seek out new challenges and new opportunities for learning, and to demonstrate superior engineering through the use of open source technology.

Experience

Netlify (Remote/Portland, Or)

Staff Software Engineer, April 2020 - Present

- Maintained Ruby on Rails app serving API and Origin (customer's sites)
- Parallelized test suite to cut deploy time in half
- Launched fourth generation self serve billing plans for Pro and Business
- Added tracking of non-user git committers to increase enterprise MRR
- Technical Lead for second generation enterprise billing system, automating and capturing previously unbilled MRR
- Mentored engineers across multiple teams, improving the abilities of the whole organization

Technologies: *Ruby on Rails, Mongodb, Docker, Golang, React, Redis, Lambda*

Sightbox (Portland, Or)

Backend Engineer, May 2019 - Nov 2019 (company closure announced Oct 2019)

- Developed serverless architecture for order handling (AWS)
- Converted email based (higher cost and error prone) ordering system to use APIs
- Wrote AppSync (GraphQL) resolvers to retrieve data from DynamoDB/Aurora Serverless RDS/MS SQL/HTTP using AWS Lambda (NodeJS), velocity template language (vtl), and pipeline resolvers using CloudFormation
- Used GraphQL to retrieve data in legacy ColdFusion codebase as part of modernization

Technologies: *AWS (Lambda, CloudFormation, DynamoDB, RDS/Aurora, AppSync, ECS, SQS, SNS, VTL), NodeJS, MySQL, ColdFusion, Docker, MSSQL*

InVisionApp (Remote/Portland, Or)

Senior Software Engineer, July 2016 - May 2019

- Developed React/Redux/Saga SPA frontend for presenting data from flagship desktop app 'Studio'
- Developed Golang BFF (backend-for-frontend) for SPA
- Developed Golang service for storage/permissions/etc of Studio presentations in MongoDB.
- Expanded Jira integration support to include on-prem ('Jira Server') instances

Technologies: *golang, React/Redux, Sagas, NodeJS, Mongo, ColdFusion, AngularJS, MySQL, AWS (Lambda, S3), Docker, docker-compose*

IMMUNIO (Portland, Or)

Software Engineer, December 2015 - June 2016

- Worked as part of a cross-functional team to refactor datastore to Cassandra.
- Maintained and extended Crepe (Ruby) based API that powers JS UI.
- Contributed to Python/Kafka based backend event/stream processing system.

Technologies: *Ruby, Python, Cassandra, Mesos, Ansible, AngularJS*

New Relic (Portland, Or)

Software Engineer (Mobile product team), July 2013 - November 2015

- Implemented ‘Interactions’, ‘Crash Reporting’, and ‘Version Trends’ features for Mobile product.
- Worked with Browser agent team to launch Browser Product (beta) for Fluent 2014.
- Worked in cross-product team to overhaul time series service for rpm.newrelic.com.
- Wrote Blog posts and attended conferences to promote New Relic’s Mobile product.
- Independently developed internal tools to improve developer productivity.
 - Dashing widget for test server availability
 - Feature rollout monitoring for cross-org timeseries service refactoring project)

Technologies: *Ruby on Rails, Sinatra, JavaScript(jQuery, D3, AngularJS, React), MySQL, sqlite, Docker, Cassandra*

ADP Dealership Services (CDK) (Portland, Or)

Software Engineer II, November 2011 - July 2013

Technologies: *PHP, XML-RPC/SOAP, JavaScript (ExtJS, Sencha Touch), PhoneGap/Cordova*

IP Fabrics, Inc. (Beaverton, Or)

Software Engineer, August 2009 - November 2011

Technologies: *C/C++, asn1c, PHP, wireshark/tcpdump, tcpreplay, Python*

Other Skills/Community Involvement

- Awarded \$10,000 bounty + \$1,337 bonus by Snap, inc for RCE in Snapchat Spectacles (Sunglasses with embedded camera)
- Open source projects <https://gitlab.com/bettse>
- **Submitted patches to:** libfreefare, cequel, iso_country_codes, dockerui, asn1c, Wifite, Aimsniff, Pluck-CMS, Elgg, nfc-tools
- **Tools:** npm/yarn, vim, git, rbenv, rake, docker/docker compose, bundle, make, GNU coreutils, Slack, Hipchat, zsh, Xcode, Jira, Trello, Trac, Pivotal Tracker, Jenkins, tcpreplay, wireshark/tshark/tcpdump, Arduino, PlatformIO, Teensy

Education

Oregon State University (Corvallis, Or)

- Masters of Engineering in Computer Science, June 2009
- Bachelors of Science in Computer Science, June 2007