

Max Hawkins

📍 Los Angeles, CA ✉ hwkns.max@gmail.com 🔄 thinkybeast 🌐 www.maxhawkins.io

Summary

I'm a software engineer with experience developing fast, scalable cloud applications. I recently built Bento, a video transcoding pipeline built on Amazon Web Services. Prior to this, I was an early employee at Facebook, leading strategy and execution around release testing, QA, and user sentiment.

Experience

- 2020 – present **Bento**
Co-founder, Software Engineer
- Co-created Bento, an open source, serverless video transcoding pipeline that is deployed to Amazon Web Services
 - Implemented a massively parallel approach to transcoding video files using Node.js, AWS Lambda, and Amazon DynamoDB
 - Reduced multi-hour transcoding jobs down to minutes by leveraging the scale and concurrency of function-as-a-service architecture
 - Resolved timing and concurrency challenges in an event-driven architecture
 - Sidestepped AWS Lambda storage limitations by implementing an in-memory, byte streaming approach to video file processing
 - Designed and authored a responsive UI dashboard built with React.js, Express, and Bootstrap
 - Co-authored Bento case study: <https://bento-video.github.io>
- 2018 – 2020 **Self-employed**
Full Stack Web Developer
- Developed open-source software with technologies such as React, Rails, Express, Node.js, Ruby, PostgreSQL, Docker, HTML, and CSS
 - Reaction - A project manager inspired by Trello, built in React and Rails that supports creating, editing, and deleting boards, lists, and cards
 - Form Check - A weightlifting web app built with Ruby and Sinatra allowing users to create custom workout routines and attach related form videos via the YouTube API
- 2011 – 2014 **Facebook**
Product Operations, Manager
- Led organizational strategy and execution for QA and user sentiment analysis
 - Drove prioritization and resolution of long-standing infrastructure bugs via engineering-wide technical quality initiatives
 - Integrated user sentiment analysis into product development and launch cycles
- 2007 – 2011 **Facebook**
User Operations
- Embedded with engineering teams to investigate and resolve critical bugs
 - Implemented global testing coverage and incident response for daily web releases

Education

- 2003 – 2007 **Stanford University**
BA with Honors, Psychology; GPA 3.97

Skills

Languages and frameworks

Javascript (ES6), React, Redux, Handlebars.js, jQuery, Node.js, Ruby, Express, Ruby on Rails, Sinatra, PostgreSQL, MongoDB

Cloud

AWS Lambda, Amazon DynamoDB, Amazon EC2, Amazon S3, AWS CloudFormation, Docker

Web

HTTP, REST, APIs, Git / Github, MVC, Event-Driven Architecture, Function as a Service, HTML, CSS