Alex Becht

Denver, CO, 80112 ✉ emailme@alexbecht.com 🌐 alexbecht.com

Skills

Languages: *proficient in:* Java, Swift, Ruby, Scala, Python, JavaScript | *experience with:* Go, C++, Bash, Kotlin
Frameworks: Dropwizard (HK2/Jersey REST microservices), Spring Boot, Apache Spark, React, UIKit, SwiftUI, Ruby on Rails
Data Management: NoSQL – Cassandra, Redis, Mongo, AWS DynamoDB, Apache Kafka, mySQL (Server & Amazon Aurora), Postgres, Apple Core Data SQLite
Tools: Git, Maven, Kubernetes, Jira Kanban/Scrum, Confluence, Jenkins CI, JUnit, JMeter, BlazeMeter, Datadog, Splunk, Google Firebase, Docker

Experience

Checkr • CO   **04/23-Present**
Senior Software Engineer – Continuous Safety & MVR
• Analyzed, planned, and executed high-visibility vendor migration for 8M enrollees, saving an estimated $4M per year
• Tech lead and mentor of team of junior engineers, working to enhance delivery, quality, and technical standards for products driving over 90% of company revenues
• Organizer of multiple technical book clubs facilitating cross-team learning

Checkr • CO   **03/22-04/23**
Software Engineer II – Continuous Safety
• Took ownership of ongoing cost-saving architectural improvement and ensured 99%+ reliability on release, as well as presented on initiative at organizational all-hands
• Joint tech lead and subject matter expert for globally distributed team across United States and Ukraine, maintaining recurring background check product running 7M searches a week
• Selected by executives as top engineering performer for technical and cultural leadership

Expedia Group • CO   **01/21-03/22**
Software Engineer II – Marketplace Signals
• Co-led platform unification/rearchitecture programs to expand existing JVM microservices serving 200k transactions/sec to support all lines of business (e.g. air, lodging)
• Drove 4% engagement increase and comprehensively documented architecture of abandoned Python/Node JS/Spark systems
• Added ~$30M in annual revenue by delivering multiple dynamic pricing adjustment A/B tests
• Received CEO recognition for support provided to recruiting programs, running behavioral and technical interviews for candidates from early career to mid-senior

Expedia Group/Vrbo • CO   **03/20-01/21**
Software Engineer I – Marketplace Signals
• Immediately became key contributor on COVID response, categorizing data signals using Spark, Cassandra, and Kafka for 1m+ reservations to determine and reward/penalize hosts based on inferred intentions, resulting in a 10% conversion increase for eligible listings
• Led collaboration with marketing and product teams to build real-time traveler identification system for first targeted discounting program in company history, leveraging Kafka event stream with 18k events/sec and Redis cache serving 8k transactions/sec

Vrbo, an Expedia Company • CO   **06/19-09/19**
Software Engineering Intern – Pricing Optimization
• Implemented Splunk logging and alerting for anomalies on $1.5 billion revenue stream
• Connected Cassandra database to Tier 1 service receiving 80,000 transactions per second

Plates for the Planet • CO   **03/17-09/18**
Co-Founder and Director of Product
• Led development of cross-platform food waste mitigation app, with a variety of products backed by AWS DynamoDB datastore, offering notifications to users and waste tracking

Mountain Dolphin LLC • CO   **08/15-Present**
Independent Developer
• Self-taught database and mobile development skills for Apple and Android mobile applications and released iOS app at age of 17
• Created and refined predictive machine learning algorithms to surface relevant data in apps

Education

University of Denver, Denver, CO   **March 2020**
B.S. Computer Science, Minors: Physics, Computer Engineering, Mathematics, Leadership
Honors, Summa Cum Laude, 3.97 Overall GPA, 4.0 Major GPA