

# Andrew Ballard

Email, Phone Number, Portfolio available upon request.

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**Summary of matching qualifications:** 10+ years web application engineering, specializing in web-facing full stack applications. Extensive experience building high availability AWS infrastructure supporting millions of daily active users. Expertise in Infrastructure-as-code through AWS-CDK, knowledgeable in continuous deployment and version control. Deep knowledge of HTML, CSS, JavaScript, React, TypeScript, SQL/NoSQL, RESTful API integrations, WebRTC, Websockets, ES6, Local Storage, and freelance web projects.

## ACHIEVEMENTS

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**Golden Hippo Media** - Designed, pitched, and implemented a CMS for 14 brands that saved **\$200,000 per day** in driven traffic costs and advertising spend.

**Pura** - Secured additional **\$400,000** in pre-seed funding with prototype smart-home integration, subsequently designed scalable AWS infrastructure from 400 total active devices to **4+ million** daily active devices.

## WORK EXPERIENCE

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### Senior Integration Engineer

**Dec. 2021 – Mar. 2024**

Hydrobuilder Holdings

*Chico, CA*

- Developed an enterprise data architecture that improved data accessibility and integration.
- Designed source-of-truth system to maintain normalized data among business stakeholders.
- Configured, managed, and serviced Acumatica & NetSuite ERP systems with custom settings and parameters to meet business needs.

### Senior Backend Engineer

**Jul. 2021 – Dec. 2021**

Iaso AI

*Denver, CO*

- Hire #3, developed data pipelines in cloud-native environments such as AWS, Azure, and Google Cloud Platform.
- Built a multi-tenancy, HIPAA-compliant platform for processing telehealth encounters between doctors & patients.
- Built an EC2 Machine Learning integration that pulled video data and turned it into actionable insights about appropriate emotional responses, facial expressions, level of eye contact, background content and noise.

### Full Stack Software Engineer, Data Scientist

**Jan. 2021 – Jul. 2021**

Golden Hippo Media

*Woodland Hills, CA*

- Implemented a microservice architecture to improve system modularity & reduce component interdependencies.
- Designed and delivered an in-house CMS system leveraging AWS DynamoDB, immediately solving technical debt in existing Angular + PHP + Heroku + Java sales funnel.
  - **Key Result:** Daily cost savings of **\$200,000+** on driven traffic; new changes deployed instantly.

### Senior Full Stack Engineer

**Dec. 2018 – Jan. 2021**

Pura

*Provo, UT*

- Hire #13, first full-time US Engineer, overseeing growth from hundreds of users to millions.
- Modularized platform silo and ported modular platform to AWS while maintaining access for millions of users.
- Lead greenfield projects to successfully capture clients, *e.g.* real-time usage mapping for NEST Fragrances, Capri Blue, LAFCO, Disney.
- Reduced platform costs and technical debt during fundraising cycle by \$72,000+ / month.

## Full Stack Software Engineer

Oct. 2017 – Dec. 2018

Heartbeat Technologies

Venice, CA

- Early employee / Founding Team member that went through Techstars LA 2018.
- Built reporting tools for campaign & customer tracking, and a signup flow for new ambassador onboarding.
- Implemented various components in React Native App.
- Developed an Instagram scraping tool due to inconsistent graph API changes.

## Software Engineer I

Jul. 2017 – Oct. 2017

InterMetro Communications

Simi Valley, CA

- Led a team of software engineers to successfully develop a customer management platform.
- Various cross-functional projects ranging from software products to office construction and tear-down.

## JAKKS Pacific

Aug. 2015 – Jul. 2017

Web Developer, Sys Admin

Santa Monica, CA

- Extended existing internal API by 25%, and enabled data exchange between different systems.
- Built tools for transparency in daily activities and earnings for business development stakeholders.

## EDUCATION

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### Western Governors University

Expected 2025

Bachelors Business Administration, Information Technology Management

Salt Lake City, UT

## SKILLS & INTERESTS

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- **Skills:** React; JavaScript; TypeScript; Node.js; AWS; Lambda; DynamoDB; MySQL; SQL; Bash; Linux; NetSuite; Lego; React Native; UI; SCSS; SASS; NPM; AWS CDK; DevOps; HTML; CSS; Node; Async/Promise programming; REST; Axios; Fetch; DOM parsing; XML/HTML; NoSQL; MongoDB; Serverless; S3; Tailwind; Continuous Deployment; Docker; Git;
- **Interests:** Wrenching on motorcycles, mountain biking, mullets, fishing from kayaks, pups!