

BRANDON COX

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SUMMARY

Highly experienced Software Engineer with 10 years of expertise, including 7 years as a skilled individual contributor and 3 years as a successful cross-functional team lead. Specializes in designing and developing scalable, cloud-native architectures from the ground up, with a strong proficiency in both front-end and back-end technologies.

SKILLS

Languages/Frameworks: JavaScript, TypeScript, Node.js, React.js, Nest.js, Next.js, React Native, Python, FastAPI, Elixir, Go, .NET, Vue.js, AWS Powertools, Java, Webpack

Database: RDBMS, MySQL, Postgres, NoSQL, DynamoDB

Cloud/Tools: AWS, Microsoft Azure, Google Cloud Platform, Terraform, AWS CDK, CloudFormation, Docker, Kubernetes

PROFESSIONAL EXPERIENCE

Slalom Build

Remote

Software Architect

May 2021 - Present

- Capital One - Sprint Team Lead and Architect: Led impactful banking modernization efforts, delivering APIs for instant legacy account conversion and updating backend payment rails for all debit accounts. Leveraged Python and various AWS services to drive solutions.
- Compass Group - Architect and Back-end Team Lead: Designed and developed a bonus calculation and analytics tool using AWS RDS, Lambda, SNS, AppSync, S3, AWS CDK, and Python. Improved client processes, transforming a 2-month manual process into an automated solution and providing associates with more financial insights
- Royal Caribbean - Lead Developer and Architect: Launched and optimized a notification and favoriting service for cruises, leveraging Typescript, AWS Lambda, DynamoDB, S3, SQS, and SNS. Enabled targeted marketing campaigns, resulting in a 25% increase in cruise bookings and a centralized cruise data hub.
- Royal Caribbean - Lead Developer and Architect: Built a customized search recommendation engine to help book vacation experiences using OpenAI, Python, FastAPI, AWS Fargate, and React. The customized searches provided increasing click-through rates in the booking funnel
- SSA Group - Back-end Team Lead: Led API development for a food service and ordering app used at parks and attractions across the US. Responsible for POS and payment integrations, architecture, code reviews, and junior developer mentorship. Launched on Azure Cloud using Typescript, NestJS, and Stripe, growing food sales at parks by over 10%
- Online Car Retailer - Lead Developer: Led the creation of a React Native mobile app for buying and selling used vehicles. This included setting up infrastructure, CI/CD, and onboarding the client's tech team. Hosted on AWS using various cloud services, contributing to the company's acquisition

Slalom Build

Remote

Senior Software Engineer

April 2019 - May 2021

- Extended Stay America: Contributed to 20+ member team responsible for re-platforming a hotel chain's website and infrastructure using AWS, .NET Core, Amazon RDS, SQS, SNS, DynamoDB, EKS, and Vue.js. Developed full features for itinerary copying (booking based on a previous stay), booking itineraries, and room confirmations.
- Pokemon Center: Key contributor in re-platforming e-commerce operation using AWS, React, Redux, Node.js, Bloomreach headless CMS, ElasticPath headless e-commerce, and Stripe. Responsible for full feature development across the application including payment, cart actions, inventory syncing, and warehouse communication. We were able to deliver decrease page load by over 25%, increase checkout click through by over 10%, stop bot attacks during high traffic releases, and add all 1y standards across the site.
- Nike: Created an internal site to coincide with the launch of the client's innovation center using AWS, Vue.js, and Strapi. The site showcased how to leverage headless CMS, AWS and BitBucket CI/CD so they could use it as a template going forward to modernize their engineering practices.

Red Ventures

Charlotte, NC, USA

Software Engineer

May 2017 - April 2019

- Replaced a multi million dollar legacy PHP sales system with RESful APIs using C#, .NET Core, and React.
- Responsible for mentoring and teaching multiple junior engineers, Road To Hire interns, and Golden Door Scholars

Basware

Charlotte, NC, USA

Software Engineer

August 2013 - May 2017

EDUCATION

University of South Carolina

Bachelor's, Computer Science

August 2009 - May 2013