

Austin Brown

480-374-0297 | austin@austinbrown.dev | [LinkedIn](#) | austinbrown.dev

EDUCATION

Arizona State University

Bachelor of Science in Computer Science

Minor in Spanish

Tempe, AZ

Aug. 2019 – May 2023

GPA: 4.0

EXPERIENCE

Republic Services

Software Developer

Apprentice Salesforce Developer

Scottsdale, AZ

May 2023 - Present

June 2020 - May 2023

- Implemented a custom remediation tool to respond to CCPA request and remove PII from entire Salesforce instance.
- Contributed to a 20% increase in call center efficiency through deployment of custom Salesforce Lightning web components.
- Improved existing on-boarding process documentation to reduce time and complexity associated with on-boarding new developers.
- Assumed ScrumMaster role for several months, leading the team through Daily Stand-up meetings and Sprint ceremonies.

Amazon

Software Development Engineer Intern

Tempe, AZ

Summer 2021, Summer 2022

- Enhanced an internal CMS to capture and surface document modification data to users.
- Re-architected existing data model for modification events to facilitate OLTP-type querying at a document level.
- Designed an interface to view and retrieve audit data, and implemented this interface into an existing React-Redux based web application.
- Expanded an existing performance auditing tool to worldwide marketplaces, increasing webpage performance visibility by upwards of 790%
- Designed and developed a custom search-data analysis service, granting stakeholders meaningful quantitative and qualitative insight into search engine performance.
- Implemented a full-stack internal dashboard to aggregate newly-created BI tools and distribute performance metrics to worldwide marketplace owners.

PROJECTS

Automated YouTube Shorts Video Creator

December 2022

- 100% cloud-native serverless infrastructure using AWS SAM infrastructure-as-code constructs.
- Uses reddit.com API to scrape suitable text-based posts on automated or ad-hoc basis.
- Generates TTS content with AWS Polly, and automatically edits content into a video using ffmpeg & Movie.py
- AWS Step Functions used to orchestrate the execution of several Python 3.7 Lambdas.

Repurpost.com Mobile App

May 2023

- Created an cross-platform React Native mobile app for a Spain-based marketing startup.
- Implemented a custom JWT authentication system to gate user access within the app.
- Maintained look & feel of existing web application while translating functionality into a mobile platform.
- Project completed for my Senior year ASU Capstone project.

TECHNICAL SKILLS

Languages: Java, Javascript, Python, C, C++, C#, Apex, HTML, CSS

Frameworks: React, Redux, React Native AWS CDK/Cfn, .NET/WCF, Salesforce Lightning, Mockito, PyTest, JUnit

Services: Lambda, DynamoDb, S3, API Gateway, AWS Step Functions, Quicksight, Salesforce

Developer Tools: Git, IntelliJ, VS Code, Postman, Visual Studio, Eclipse, LaTeX

Coursework: Data Structures & Algorithms, Object-oriented Programming I & II, Computer Org & Assembly, Software Engineering, Theoretical CS, Operating Systems, Programming Languages I & II