Stephen R. Baker

*"I've seen things you people wouldn't believe.
Automation machines on fire off the shoulder of Orion.
I watched mobile apps glitter in the dark near the Tannhäuser Gate."*

Contact Information

📱 **480-516-5597** *(MDT)*

✉️ **baker.101@hotmail.com**

Disciplines

📊 **Data Engineer**

🖥️ **Automation Engineer**

📧 **Email Developer** *(Senior)*

Bird's Eye Summary

➜ Scrappy and inventive, have dealt with high-stress positions.

➜ Abnormally efficient, can go fast and run the try/fail loop until a result is achieved.

➜ Very keen on clean, pretty, readable code—but it also must function and be coherent.

➜ Automation enjoyer; don't do a manual task that can be automated (reduce error, increase happiness).

Dear prospective employer:

It's been a long but exciting 10 years in tech. I've seen a lot of things, and can safely say that I've done quite a few things.

At this stage in my career, I've interfaced with (nearly) every vertical slice of the tech organization: customers, vendors, SaaS, inhouse platforms, full stack, web apps, UX, email marketing, SMS, in-app push, data engineering, analytics, design, APIs—and the list goes on.

This includes dealing with many of the buzzwords in the tech sphere: sprints, data pipelines, PRDs, CI/CD, object-oriented languages, experimentation, microservices—hard to track them all!

My main talent, if you were to ask a past colleague, is a combination of scrappiness and speed: having worked at a small start-up, I endured the gauntlet of meeting bottom lines and having a core position that drove revenue. It led me to have both a thick, problem-solving skin when things go wrong, plus a toolbelt and mindset to quickly and dynamically address issues as they arise.

It was this skillset that led me to pick up Python in 2019. Initially, it was to tackle annoying tasks in my daily job: such as receiving a broken Excel file that held millions of rows with a bad email character, or developing a scraping tool to automate away manual reviews of email copy.

My most recent endeavor was taking over the PySpark audience selection stack for a colleague who departed Carvana. A big project was spun up, under my control, to re-engineer this process. The result was a tool called 'Audience Engine': my biggest, most complex, and most powerful production library to date, which will have sent nearly 1 billion emails come 2024 (and I wrote the HTML snippets used in them).

Audience Engine's purpose was to standardize and drive email campaigns, running each job via instantiating a class object and configuring it to target users based on data inputs, exclusions, and many other features. This involved a CI/CD pipeline using DBX.

For any questions on my work history or experience: I am always available for a quick in-person interview (or else this would be an even bigger wall of text)!

Education

Arizona State University
Bachelor's Degree, Graphic Information Technology (2011-2015)

Basha High School
Class of 2011

Work History

☝️I keep this lightweight with relevant information. Detailed descriptions can be found on LinkedIn🔗.

Carvana

• • ➜ **Data Engineer**
•   Skills Used: PySpark, Spark, Python, ETL, Databricks, DBX, Snowflake, SQL, CI/CD
•   Sep 2022 - Sep 2023
•

• • ➜ **Marketing Automation Engineer**
•   Skills Used: Python, HTML, CSS, Handlebars JS
•   Feb 2022 - Sep 2022
•

• • ➜ **Email Automation Specialist**
•   Skills Used: HTML, CSS, Apache Velocity, Handlebars JS
•   Dec 2017 - Feb 2022
•

Tanga LLC

• • ➜ **Email Marketing Specialist**
•   May 2015 - Jul 2017
•

• • ➜ **Web Content Manager**
•   Apr 2014 - May 2015
•

• • ➜ **Web Content Specialist**
•   Oct 2013 - Apr 2014
•

• • ➜ **Customer Service Agent**
•   Aug 2013 - Oct 2013

Proficiencies: Visual Cheat Sheet

☝️ I've used a great many tools and languages to get the job done. It would take many paragraphs to describe each one and how I've used them. I've tried to visualize which tools or languages I am most proficient in, and which I've used most recently.

🔧 Skillset	📊 Recency	📅 Years of Experience
Python		(3)
PySpark		(2)
DBX		(1)
SQL		(5)
HTML (Email)		(11)
CSS (Email)		(11)
Lua		(3)
Apache Velocity		(4)
C#		(1)
Javascript/JQuery		(2)

⚙️ Tool	📊 Recency	📅 Years of Experience
Databricks		(4)
Iterable		(3)
Software/Web APIs		(5)
Kafka		(1)
Adobe Suite		(11)
AWS (S3)		(2)
Marketo		(4)
Microsoft Azure		(1)
SFMC (ExactTarget)		(3)
Salesforce		(2)

References

- • • ➜ **Cammeron Lineen**
- •   Relationship: Colleague
- •   Role: Data Analytics Engineer
- •   📱 **480-201-7390**
- •

- • • ➜ **Brittney Monroe**
- •   Relationship: Team Lead
- •   Role: Senior Data Engineer
- •   📱 **203-709-1406**
- •

- • • ➜ **Mark Price**
- •   Relationship: Team Lead
- •   Role: Marketing Solutions Architect
- •   📱 **602-849-8597**