

Payton D. Baker

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WORK EXPERIENCE

Snowcloud Fullstack Engineer Boulder, Colorado May 2025 - Feb 2026

- Developed on fullstack application using SQL, C#, and .Net architecture to create a product that can service any ski mountain requirement ranging from financial reporting to shop products
- Triaged problems, under tight timelines, to resolve issues across customer shop, employee portal and Stripe API to address client needs and keep production operational
- Led team focused on delivering comprehensive automated testing to ensure safe and faster deployments

WealthTeamWork Team Lead and Senior Engineer Denver, Colorado May 2023 - March 2025

- Created fullstack company architecture as the first employee using a PostgreSQL database, Java backend, React Native for iOS and Android, and React for web interface
- Managed entire lifecycle of product development including planning releases, discussing technical specs for major epics, and leading sprint planning to ensure reliable and high velocity of development team
- Developed and led several product releases to create a modern virtual family office platform for storing and sharing users financial records prioritizing security and ease of communication with professional partners
- Led integrations of products ranging from sending communications to Redtail, integrating customer bank accounts with Plaid, and uploading documents to Amazon S3 using REST APIs
- Served as main point of contact for bug triage and escalation, joining calls at any point of the day to help developers prioritize and solve problems across the system's infrastructure
- Leveraged DevOps best practices and package management tools to manage weekly deployments using Git and EAS, automate repeatable actions, and resolve conflicts to ensure successful product releases

Deloitte Data Scientist Consultant - Strategies and Analytics Arlington, Virginia January 2021 - May 2023

- Created prototypes for Deloitte Navy Artificial Intelligence/Machine Learning workstream to identify opportunities and inform clients on AI tools such as Optimal Character Recognition, Natural Language Processing, and other machine learning solutions
- Developed prediction data model using PySpark to close out transactions and obligations, leading to thousands of manpower hours saved and millions of dollars resolved
- Founded Python web-scraping tool and performed data analysis to build a pipeline of government opportunities to client relations teams, reducing gaps in Deloitte's knowledge of potential cyber security opportunities and providing actionable data for sales team
- Prioritized user focused design, meeting with two operating divisions on a weekly basis to receive and incorporate input on priorities, testing, and deployment cycles to ensure client-focused development

Macedon Technologies Consultant Reston, Virginia July 2019 - January 2021

- Tripled velocity of development using Appian and SQL by creating manageable sustainable databases, reusable systems, and user focused interfaces to exceed client expectations on a government contract

EDUCATION

American University: Master of Science in Data Science GPA: 3.96/4.00 May 2022

- *Developing AI to Optimize Political Campaign Scheduling with Voters*: Simulated the Iowa Caucus to compare reinforcement learning algorithms and human campaign schedulers to optimize candidate routes

Colgate University: Bachelor of Arts Hamilton New York May 2019

Double Major: Mathematical Economics and Computer Science

Personal Projects

Receipt Splitter Mobile Application

- Engineered a cross-platform bill-splitting app in React Native, backed by a serverless AWS architecture (CDK, Lambda, Python, API Gateway, DynamoDB) with automated receipt scanning via Textract

SKILLS & INTERESTS

- Coding Languages: Python, Java, React, React Native, Typescript, and SQL
- Interests: Skiing, Running, History, Reading (*The Lean Startup*, *Fundamentals of Software Architecture*, *Truman*, *Audacity to Win*, *Atlas Shrugged*)