

JAMES MICHAEL BALLOW

Passionate AWS Solutions Architect and problem-solver. Skilled in software engineering I use many languages and methods of automation to solve a multitude of problems. Professional philosophy: "Great work comes from a balance of risk, cost, prayer, and perseverance". Personal philosophy: "Challenge Accepted!"



CONTACT (*LINKS)

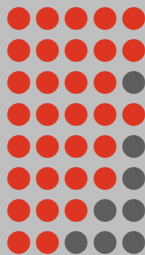
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🏠 Professional Profile*
🏠 Udemy Instructor Page*
🔗 JamesMichaelBallowProjects*
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SKILLS

Programming

Python
APIs
HTML/CSS/JavaScript
MATLAB
shell/bash/csh
Flux/influxql
C/C++
LaTeX



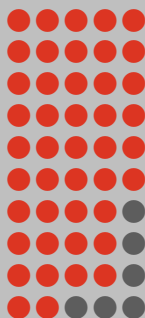
Operating Systems

Windows
LINUX
MacOS



Software

AWS Architecture
GitHub/CodeCommit
JIRA
AirTable
Grafana
Data handling/analysis
Time Series Analysis
plotly/matplotlib
python streamlit
Docker



Languages

English
Spanish



CERTIFICATES

AWS Solutions Architect Associate
Associate Python Programmer
Government-Certified Nuclear Engineer

WORK HISTORY

📅 May 2023 - Present
📍 Abacode Cybersecurity Compliance Inc., Tampa, FL **Lead AWS Solutions Architect**

Defined the problem, designed the solution, and programmed the first solution to third-party risk monitoring for Abacode. Overcame challenges related to project time and worked with full-stack, back-end, and front-end developers collaboratively. Clearly documented work and trained others in AWS.

📅 Mar 2022 - Mar 2023
📍 Axiom Cloud Inc., San Francisco, CA **Software/Product Engineer**

Engineered company's first solution for machine-learning based refrigeration leak detection en-masse, increasing company throughput 100-fold. Engineered a solution to mass produce thousands of data traces in Amazon Managed Grafana Dashboards.

📅 May 2018 to Dec 2021
📍 Fluor Marine Propulsion (DOE), Schenectady, NY **Senior Software Developer**

Designed, developed, documented and deployed a multi-site, multi-platform, multi-language job automation/husbandry software for nuclear analysis.

† Several letters of recommendation available upon request.

EDUCATION

📅 May 2022
📍 Clarkson University, Potsdam 4.0 GPA **M.S. in Computer Science**

📅 May 2015
📍 Florida State University, Tallahassee 3.8 GPA **B.S. in Chemical Engineering**

ACHIEVEMENTS AND AWARDS

🏆 **Udemy Course (2023):** *The Foundation You Didn't Know You Needed*
🏆 **Public. (2022):** *Real-Time Hand Gesture Identification in Thermal Images*

GENERAL SKILLS

Amazon Web Services (AWS) Python Database Solutions Architect
Software Development Mentoring/Teaching APIs

MY WORK-LIFE BALANCE

