**Jacob Bulloch**

**Professional [Summary](http://www.google.com)**

<https://github.com/jpbulloch5>

I fell in love with coding as a freshman in high school.  I loved the synergy between creative problem solving, logical analysis, and automating the "boring stuff."

When I was transitioning out of the Air Force, where I served as a Foreign Language analyst (Korean and Arabic), a mentor advised me to consider what I most enjoyed doing when I was 13 years old and find a job that does that.  For me, that is programming!  Since switching to a coding career, I can testify to the adage, "if you find a job doing what you love, you never have to work a day in your life."  Over the years, I have used various coding languages (BASIC, Haskell, C++, Java, Python).  My experience with foreign language acquisition has helped me transition between programming languages and paradigms.

DevOps Engineering leverages my ability to navigate between a variety of languages and my experience with process engineering.  I have always focused my efforts toward improving the process around the objective and the objective itself.  I derive job satisfaction from removing roadblocks through process engineering and automation to deliver quality continuous integration and continuous deployment (CI/CD).

Interesting facts about me:

* I am Quadrilingual (English, Spanish, Korean, and Arabic)
* I run a mile most mornings to start my day
* I met my wife in a show-choir in college; we've been married for 13 years

**Certifications**

**Education**

Bachelor's Degree in Computer Science from Eastern New Mexico University

Associate's Degree in Foreign Languages and Cultures

Associate's Degree in Intelligence and Security Studies from Community College of the Air Force

**Technical Skill Summary**

**Professional Experience**

**Revature May-2021 to Present**

**Automating Agile**

<https://dev.azure.com/revature-training-uta/Flock%20of%20Hawks/_git/team_e_p1_webapp>

An existing Java application is augmented with tooling to support Agile values in a DevOps workflow with CI/CD. The servlet-based application exposes simple CRUD operations using a custom ORM library that's versioned and published from a separate code repository. A project board, containerization, static analysis, and documentation contribute to short feedback loops and higher product quality.

**Responsibilities:**

DevOps Engineer

**Environment:**

Azure DevOps, Docker, PostgreSQL, Azure, Ansible, SonarQube, Java, Tomcat, Git, SonarCloud

**Eastern New Mexico University Jul-2018 to May-2021**

**Military Outreach**

Mitigated critical issue from cohort benefit rule changes; prevented 80% loss by preemptive correction.

Automated new statistical tracking and analysis for cohort; create graphs and statistics from raw data.

Designed cohort student experience plan; boosted enrollment by 522% in 2 years with a grassroots effort.

**Environment:**

Microsoft Teams;

Microsoft Outlook;

Mitel;

Microsoft Excel - VBA Macros;

Banner;

SQL;

SCRA Database integration

**United States Air Force Special Operations Command (AFSOC) Apr-2015 to Jul-2018**

**Training Flight**

Led a team of 13; directed professional development, productivity, mission readiness, and compliance.

Liaised between organizations; showcased capabilities/services via planning, exercises, and real missions.

Developed training materials to cover deficit; boosted initial pass rate 25%; saved 160 person-hours.

**Environment:**

<<Classified>>

**United States Air Force, Air Education and Training Command (AETC) Aug-2013 to Dec-2015**

**Arabic Language Acquisition Course**

Led six students through an intense 18-month Arabic Language Acquisition Program; guided study habits/priorities.

Developed supplementary Arabic Language training materials for students awaiting their official class start.

Coached section to 83% pass rate; 33% higher than expected 50% attrition rate; most successful section of the cycle.

**Environment:**

Memrise; Quizlett; Google Drive