

Michael Schwartz

Software Engineer

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I'm a problem solver; If I don't have an answer, I find one – fast. With years of expertise in intelligence and diplomacy I pull critical information out of user research, wireframe views, and map requirements to industry best practices. I believe collaboration, diversity (of all kinds), experimentation, and laughter are the greatest strengths of any creative team, and integral to delivering resilient, innovative, user-friendly applications that stand the test of time.

SKILLS

- Programming Languages: JavaScript, Python, HTML5, CSS3
- Frameworks: Node.js, ExpressJS, React.js, Django
- Databases: MongoDB, PostgreSQL
- Tools: Mongoose, Git, GitHub, AWS, Object-Oriented Programming, JIRA, Confluence, Jenkins, Kubernetes, Docker, Harbor, Nexus, Bootstrap, Bulma, Postman/Insomnia
- Familiar: Google Cloud, Microsoft Azure
- Current Learning: GoLang, Bash, CentOS/Linux Admin, Certified Jenkins Engineer, AWS Cloud Practitioner

RELEVANT EXPERIENCE

DevOps Engineer | Accenture Federal Services | March 2022 – Present

Build and automate pipelines, containers, and development environments in support of client developer requirements. Provide Jira ticket support for developer teams across the government.

- Refactoring DevOps team portal front-end previously built in Angular1 into static, serverless React/Gatsby single-page app
- Building components for developer tools with functionality in both classified and unclassified virtualized development environments

Software Engineering Immersive Student | General Assembly | Sept 2021 – Dec 2021

Successfully completed 500+ hours of in-person expert-led instruction in Full Stack Software Engineering, including hands-on learning in JavaScript, Node.js, and ReactJS fundamentals as well as the industry's most in demand technologies.

Projects

- **Memorable Cats:**
 - Browser-based memory game with a dynamically generated game board and animated card flipping.
 - Stack: JavaScript, HTML5, CSS3.
- **Chef's Corner:**
 - Full-CRUD app w/ Google OAuth and multiple data structures.
 - Stack: JavaScript, Node, Express, MongoDB, HTML5, CSS3, and Bootstrap.
- **Anime City:**
 - Full-CRUD MERN app utilizing JSON Web Tokens, and consuming a third party API.
 - Stack: JavaScript, React, Node, Express, MongoDB, HTML5, CSS3, and Bootstrap.
- **Workout City:**
 - Full-CRUD Python/Django app. Allows users to build and store individualized workouts and meals via mobile-friendly UI.
 - Stack: Python, Django, PostgreSQL, HTML5, CSS3, and Bootstrap.

ADDITIONAL PROFESSIONAL EXPERIENCE

Principal Intelligence Analyst (Targeting Officer) | Peraton | Aug 2020 – Jul 2021

Conducted intelligence and target analysis identifying, vetting, and developing leads, organizing mission-partner collaboration, and providing strategic support to field and domestic CT (counterterrorism) operations managers. Produce All-Source targeting analysis for dissemination to field and mission partners. Advised C-suite executives on strategic and operational planning, resource allocation, and partner engagements.

- Led HQ-based targeting operations in a national-level intelligence mission against high-threat non-state actors in the assigned region
- Planned and oversaw multiple intelligence operations in support of partner HVT interdiction operations
- Evaluated raw intelligence and produced refined reporting for executive leadership consumption related to high priority national security objectives

Associate (Targeting Officer) | Booz Allen Hamilton | Aug 2018 – Aug 2020

Managed daily operations and directed resourcing needs for a national-level counterterrorism mission, analyzed reporting, supported forward deployed field teams and partner organizations, and conducted regular management briefings on operation priorities with high mission impact.

Senior Consultant (Business Analyst) | Booz Allen Hamilton | Feb 2016 – Aug 2018

Managed National Geospatial-Intelligence Agency workforce capability, training, & technology development for 15,000+ civilian and military personnel assigned to the agency. Provided executive advisory, process engineering, and internal capability development expertise.

- Identified a needed critical analytic capability, developed contract addendum and FTE requirements, researched existing non-defense capabilities and potential for acquisition, and implemented a multi-million dollar big data pilot initiative to federate critical capabilities to a 15,000+ global workforce
- Designed strategies for and led requirements team stakeholder engagements to obtain a 95% stakeholder compliance rate throughout solution design, production, and deployment phases
- Led requirements process UX redesign based on analysis of existing infrastructure, subsequently conducted user experience surveys at one, three, and six months post redesign, quantifying interaction improvements with an average increase of +2 points in a satisfaction and usability matrix after six months

Foreign Affairs Officer | U.S. Department of State | Sep 2012 – Feb 2016

As a country desk officer I managed budgetary, grant-making, policy, and diplomatic engagement programs. I grew relationships with foreign mission personnel including ambassadors and foreign ministers, representing the USG in an official capacity during consultations, executive engagements, and the U.N. General Assembly.

EDUCATION

M.A. International Peace and Conflict Resolution | American University School of International Service

- **Presidential Management Fellow**

B.A. Political Science, International Relations (Cum Laude) | University of Pittsburgh

CERTIFICATIONS

Foundations of DevOps | ICAgile | 2022

Agile Certified Professional | ICAgile | 2018

Human-Centered Design Strategist | LUMA Institute | 2015