Steven L. Black

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Portfolio: https://N2theFray.github.io

Summary

Full Stack Web Developer who is a recent aviation professional with extensive experience trouble-shooting, project management, isolated team dynamics, and operations in high-stress dynamic environments. I am now pursuing an alternate career field in which I am able to leverage my considerable experience in customer relations, problem solving, and teamwork to develop and expand my skill set into a field with a strong future growth projection. I have acquired a UCF Full-Stack Developer Certificate wherein I worked in small teams, often as the lead, with technologies such as MySQL, Mongoose, Node.js, React, and various templating technologies.

Technical Skills

Languages: JavaScript ES6+, CSS3, HTML5, SQL, NoSQL

Applications: GitHub, MongoDB, MySQL

Tools: Express, React, Node, Handlebars, Query, Bootstrap

Full Stack Developer Experience

Surfs Up | Materialize, Javascript
URL: https://skungiesingh.github.io/class-project-01/ | **Git:** https://github.com/skungiesingh/class-project-01.git
Full Stack Developer

Single–page web app for viewing temperature, surf conditions and UV index at specific sites.

- Incorporates reservation booking logic using google booking API.
- Dynamically renders web cards that show a 5 day forecast.
- Integrates Stormglass.io API as an interactive component that functions as a data source

Tech It Out | Handlebars, Javascript, Node.js |
URL: https://sleepy-eyrie-10581.herokuapp.com/ | **Git:** https://github.com/N2theFray/MVC-tech-blog.git
Full Stack Developer

Multi–page web app for tracking resume submittals as digital blog.

- Incorporates user–specific interface and access.
- Dynamically updateable cards, sign up, sign in features
- Uses Heroku and JawsDB to deploy live website

NoSQL Social Network | NoSQL, MongoDB, Node.js |
URL: https://github.com/N2theFray/NoSQL-Social-Network.git | **Git:** https://github.com/N2theFray/NoSQL-Social-Network.git
Full Stack Developer

Backend database for tracking friends, thoughts, reactions, and associated users

- Allows for users to update thoughts, friends, and associated reactions.
- Primarily uses Node.js to operate

AVIATION EXPERIENCE

S–92/UH–60M CREW ENGINEER ˌInfinity Support Services ˌSaudi Arabia   June 2012- Present
- **LEADERSHIP:** Management of 4 instructors and 57 Crew Engineers to maintain training proficiency, standardization of training and implementation of new training procedures.
- **PROGRAM PLANNING:** Design, follow and adapt training plans to meet the immediate or long-term customer need. Accountable for development and enforcement of flight regulations, training and consistent processes that ensure a safe and positive flight environment
- **OPERATIONS:** Offshore Search and Rescue operations, aerial fire suppression, troop insertion
- **FLIGHT LINE MAINTENANCE:** Perform routine maintenance, troubleshooting and scheduled inspections

UH-60L PHASE MECHANIC ˌL-3 VertexˌBagram, Afghanistan   Oct. 2010- June 2012
- **TRAINING**: Trained incoming mechanics on streamline processes, inventory control, ordering, digital maintenance record keeping and productive Phase operations.
- **MECHANIC:** Disassembly, repair and assembly of major and minor system components to include transmission, engine, hydraulic system, rotor head, tail rotor, fuel system and avionics
- **PROBLEM SOLVING:** Designed, procured materials and built special tools in austere environment to increase efficiency of Phase Inspections

UH-60L SHEETMETAL MECHANIC ˌSikorsky ˌBeeville, Tx   Feb. 2010- Oct. 2010
- **DETAIL ORIENTED**: Use of blueprints, precision measuring equipment (torque wrenches, micrometer, calipers) and schematics to perform structural modification and upgrades.
- **SHEETMETAL**: Structural repair, re-skins, modifications, battle damage repair and fabrication

UH-60 HELICOPTER REPAIRER ˌUS Army ˌSavannah, Ga   Feb. 2006- May 2008
- **TEAMWORK**: Supported operations for 10 UH-60L's to maintain 90% operational level. 13 months of which were in a high-tempo, high stress, austere dynamic environment. Assisted and executed over 20 Air Assault Operations in support of Operation Iraqi Freedom
- **ADAPTABILITY:** Performed duties of a Crew Chief that included surveillance, passenger management and interaction, use of external rescue equipment to include cargo slings, hoist, night vision devices and weapon systems

EDUCATION

UH-60 HELICOPTER REPAIRER COURSE, *Distinguished Honor Graduate,* US Army, Ft. Eustis, VA	Sept. 2006
Full-Stack Development Certificate, University of Central Florida	Aug. 2021
Computer Science, University of Florida, Gainesville, FL.	Dec. 2022