

# Joseph Coats

---

📍 Aubrey, United States ✉ coats.joseph30@gmail.com ☎ 5013536562 🌐 in/josephcoats501/

## SUMMARY

Dedicated and highly skilled Full Stack Developer with a passion for teaching and a strong background in the military. Proven ability to lead and inspire while delivering complex, mission-critical software solutions. Known for a dynamic teaching style that simplifies even the most challenging coding concepts for students of all levels. Adept at multiple programming languages and technologies. Combining years of military discipline and leadership with a deep understanding of software development, I excel in fostering innovative solutions and mentoring the next generation of developers.

## CERTIFICATIONS

### Full Stack Web Development Certificate | Coding Dojo | 2022

16 weeks intensive coding bootcamp: 1000+ hrs of full stack web development, Algorithms & data structures, pair programming.

## SKILLS

Programming Languages: Python, Java, JavaScript(ES6, node.js), TypeScript Software, Swift, C#, GameMaker Language, SQL

Tools/Frameworks: Git, Django, HTML/CSS, React, Node.js, MongoDB, Tailwind CSS, Bootstrap, React-three-fiber, MySQL Workbench, MySQL, Mongoose, Spring Boot, J2EE, Express, Flask, Jinja2, AJAX, JPA, Github, JSON, Regex, Bcrypt, Trello, draw.io, JSP, JSTL, jQuery

## EXPERIENCE

### Software Developer | MFordVisualArts | Remote | September 2022 - Present | [www.mfordvisualarts.com](http://www.mfordvisualarts.com)

- Independently designed and developed a fully responsive website from scratch for an independent artist startup, resulting in a 50% increase in website traffic.
- Implemented back-end functionalities using Python Flask and MySQL (ClearDB) for data storage and retrieval, resulting in a 30% improvement in database query performance.
- Designed and developed interactive user interfaces using Tailwind CSS and JavaScript, resulting in a 30% improvement in user engagement and a 20% increase in conversion rates, enhancing overall user experiences.
- Integrated third-party APIs for features like payment processing.
- Conducted thorough testing and debugging to identify and resolve issues, ensuring a stable and bug-free website with a 95% bug-fix rate.
- Provided ongoing website maintenance and support, addressing user feedback and implementing new features as needed.

### Coding Instructor | Code Wizards HQ | Remote | Present

- Instructed and mentored a remote class of students in coding concepts and programming languages, achieving a 98% student satisfaction rate and a 25% increase in student retention throughout the course.
- Effectively taught a diverse range of programming languages and technologies, including Java, Python, Flask, SQL, jQuery, Scratch, Bootstrap, HTML, CSS, and JavaScript, to a class of students. This comprehensive curriculum led to a 98% student satisfaction rate and a 30% increase in students' practical proficiency in these technologies.
- Conducted regular assessments to evaluate students' progress, identifying areas for improvement and tailoring instruction accordingly.
- Received the MVP (Most Valuable Player) award during the summer with a remarkable 99% course pass rate, demonstrating excellent instructional skills. Achieved a cancellation rate of less than 16% and maintained an incident rate below 6% while providing top-quality coding instruction.

### Support Technician | Aircraft Armament System Apprentice | United States Air Force | Mountain Home AFB, ID | May 2015 - May 2021

- 389th Fire Squadron – Liberation of Mosul (October 2016 – April 2017), Coordinated the administrative and logistical support of U.S. and allied forces deploying through the base managing over \$1M worth of equipment with zero-loss over 3 years, Recognized for speed, consistency, and leadership across a team of 25 specialist.
- Achieved 99.9 % operational readiness through consistent monthly monitoring and controlling of inventories for all U.S government property and supplies that valued over 250K and leveraged equipment expertise to verify their accountability and ensured they met regulatory serviceability requirements.
- Tested electrical aircraft systems, components, and for compliance with standards and to uncover any malfunctions.

## PROJECTS

### FaceSpace | August 2022 -January 2023

- Utilize Spring MVC and the power of the ORM to write clean efficient code, allowing me to create a larger scale MVP by 70%.
- Integrated JSTL to conditionally render data from MySQL data-base, enhancing user experience.
- Implementation of bootstrap partnered with Cascading Style Sheets to create a dynamic eye pleasing application for the client with a 100% rating from peers.
- Lead Agile team to ensure 100% completion of MVP.
- Designed site wireframe with draw.io and leveraged Trello to manage workflow and deliverable schedule in order to successfully deliver a functional deploy-ready MVP within 5 days.

## EDUCATION

### Associates of Computer Science | North Central Texas College | 2024

