EDWARD C. MCCORMICK

Software Developer

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Former Navy officer with engineering leadership experience, strong communication skills, and a diverse technical background transitioning into software development. I'm passionate about implementing technically-challenging, value-added projects while continuing to add new skills and grow mastery with my current skill set.

TECHNICAL SKILLS

SKILLS: HTML, Java SE, CSS, MySQL, JavaScript, Spring Boot Framework, BootStrap, jQuery, VCS with Git, Object Oriented Programming, Paired Programing, Thymeleaf, Java EE, Python, Docker, Amazon Web Services (AWS)

Exposure to: Tailwind CSS Framework, Django, React JS, PHP

DEVELOPMENT PROJECTS

Mingo – I was able to work with a local entrepreneur while job-searching to develop the backend of his future social network. Specifically, Mingo is a social network that allows users to find businesses and other users that share their passions, regardless of how rare it might be in a certain area. Users can find business according to a wide variety of criteria, including how close they are to the user's current location, and businesses can see some data about user interactions to create targeted and geo-located marketing offers to generate additional business and deeper business relationships. The entire backend was created to interact via RESTful APIs for all CRUD operations with either a React-based web application or Android or iOS native applications. It was built with Java 11, SpringBoot, and MySQL and containerized for testing/deployment in Docker.

Not Another Bookclub - At its most basic, a social network built around a love of books and reading. Visitors can create an account, record books that they've read, are currently reading, or plan to read, find other users and bookclubs that are reading the same books, and also peruse bookclub listings, seeing how often they meet, what book they are currently reading, and discussion posts and comments posted by bookclub members. If they're a good match, users can request to join bookclubs, or create their own and invite like-minded friends. NAB is a fully functional, end-to-end CRUD full-stack website, built with Java, SpringBoot, Thymeleaf, jQuery, Bootstrap, MySQL, Javascript, CSS, and HTML using Google APIs and internal RESTful endpoints.

DnDeasy - A front-end focused application to assist users in creating a character for the game Dungeons and Dragons. Uses Javascript, JQuery, and Bootstrap for functionality and usability, and Java and MySQL for each user's CRUD functionality.

Adlister - The AdLister application is a back end focused imitation of craigslist using Java, MySQL, servlets, and Tomcat to deploy the project. Any user with a login has CRUD functionality for their profile and ads.

Movie Database - A single page application that allows users to have complete CRUD functionality using a JSON server to mock the database and implement AJAX requests, tied into a REST API to populate cast and crew details, posters, and trailers. Paired programming project using Javascript, jQuery, Bootstrap, CSS, and HTML.

Weather Map - The Weather Map application is a project that uses two REST APIs in conjunction with one another to either forward or reverse geocode a location and then access and display weather for that location. jQuery, Javascript, Bootstrap, CSS, and HTML provide functionality and styling.

PROFESSIONAL EXPERIENCE

Junior DevOps Engineer at SWBC – San Antonio, TX   **July '21 – Present**

I work alongside the cloud team, information security, technology, and business professionals in the financial services industry within an enterprise level environment. As Junior DevOps Engineer, I'm involved in design, implementations, coding (Node.JS or .NET Core(C#), helping to build and support CI/CD and automation to the AWS cloud. I'm growing my DevOps skillset while working closely and collaboratively in an Agile environment with more senior engineers who provide mentorship and direction. SWBC offers amazing career advancement opportunities, leverages amazing technology and automation and celebrates our success as a team. SWBC IT leadership recognize that empowerment, autonomy, work-life balance, professional development, continuous improvement, and a commitment to shared values are key enablers of our success.

- Build engineering automation tools using DevOps principles to help streamline and scale applications into a production environment. Develops, analyzes, and maintains scripts, tools, hardware, and systems that support and automate processes for software releases. Leverages scripting (Python, BASH, PowerShell etc.) to build tools.
- Documents results of work and prepares status reports to include successes and failures for all systems.
- Investigates, recommends, and develops enhancements to improve development and operational processes.
- Collaborates with engineers and product teams in an agile environment to analyze issues and find new insights covering our business and operations.
- Participates in the release planning process and participates in the deployment of releases to higher environments (DEV/QA/Prod) through automation.
- Monitors end-to-end security ensuring best practices are implemented.

Financial Advisor at USAA and Edward D. Jones & Co. – San Antonio, TX   **November '13 – July '17**

- Provided multiple training sessions to other advisors to improve advisor efficacy in investments and life insurance, focusing on efficacy with managed money products and user experience
- Promoted early from Financial Advisor III to Financial Advisor II
- By focusing on user experience and seamless user interface, averaged $750k in assets gathered and approximately $10k in insurance premiums monthly, using a consultative sale process from warm leads

Store Manager at Safeway Inc. – Washington, D.C.   **June '12 – August '13**

- Responsible for all aspects of profitability, maintenance, user experience, user interface, and quality assurance of a business unit with $500k in annual revenue and $17.5 million in annual sales located in the highly competitive Washington DC Metro area
- With a user experience focus, achieved a 2% sales increase over previous management team – an increase from .5% sales increase year-to-date to a 2.5% sales increase with no changes in marketplace factors.
- Through both sales increases and stringent fiscal management, increased profits on a year-to-year, same-store basis from an $11k loss to $140k in profit during initial quarter as assigned manager

MILITARY EXPERIENCE

Training Officer – USS MAHAN (DDG – 72)   **May '09 – June '12**

- Used thorough understanding of requirements to successfully complete 4 major assessments, certifying as deployment-ready and consistently earning praise as "best on the waterfront"

- Focused on management of up-chain information flow and quality assurance in managing the centralized training data repositories
- Cited as an example of engagement and cooperation between afloat assets and assessment groups
- Improved both the ship's Training Figure of Merit from 75% to 96% and the training process by engaging superiors and subordinates and capturing, quantifying, and correcting discrepancies

Auxiliaries Officer – USS LEYTE GULF (CG – 55) **May '07 - May '09**

- Supervised the maintenance and operation of all non-propulsion engineering equipment, including 5 air compressors, 2 refrigeration plants, 4 chill water/air conditioning plants, 10 pumps for various liquid service systems, 2 ship's boats, 2 pneumatic davits, and the flight deck and aviation recovery system – $100 million worth of equipment in total
- 100% advancement rate for technicians, including a "Sailor of the Year"

EDUCATION

Codeup **2021**
Certificate of Completion
A fully-immersive, project-based, and intensive 22-week full-stack Java career accelerator that provides students with 670+ hours of expert instruction in software development.

US Naval Academy **2006**
BS Political Science – International Relations, General Engineering Core Curriculum