# JENNIFER BYRNES

Richmond, VA
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React Portfolio: https://resume-react-jkb.vercel.app/

## SUMMARY

Full Stack Web Developer seeking a position using my recently updated skillset (MERN/FERN stack). Experience in application development, teaching, and military leadership. Earned certificate from the University of Richmond's Full Stack Web Development Bootcamp in November 2022; skillset has been recently updated with HTML, CSS, Javascript, Express.js, Node.js, MongoDB, React.js, FireStore (FERN stack), and responsive web design to build applications from scaffolding to rollout.

## TECHNICAL SKILLS

HTML, CSS, JavaScript, JQuery, Bootstrap, Bulma, Tailwinds, Node.js, Express, MySQL, Sequelize, API Calls, NoSQL, MongoDB, Mongoose, React,js, JEST, Wix, PeopleSoft, PowerBuilder, COBOL, PL1, C, UNIX, SQL

## PROJECTS

Martha Blog | Deployed | Github – A work in progress - a responsive application waiting on some images and choices from the end user, this is a FERN stack Blog and Photo display app.  It makes use of Firebase Storage, Authentication, and Firestore with read/write/delete operations.  Tailwind/CSS is used for most of the styling.

Project Choice | Deployed | Github – given a user selected US state, the application returns information from four tables in the Abortion Policy API.  The project also has an ecommerce store with branded merchandise.  I led this project as part of the five person  assigned team and then completed it with one other developer.  I coded most of the ecommerce store using React and Redux and made the application responsive using TailwindCSS.

Weather Playlist | Deployed | Github -- given a location, the program returns a weather report, Spotify playlist link, and GIF based on the current weather.  I led a three person team on this project and did the HTML scaffolding, Bulma code, coded the weather API section.

What's Cooking | Deployed | Github - a personal cookbook.  The user can see images of recipes, instructions, an ingredient list, and add notes.  Logged in users can add/edit/delete recipes.  I led a team of six to create it and did most of the initial coding,  the integration of the back to front end piece and installed TailwindsCSS to it.

## RELEVANT EXPERIENCE

**Programmer Analyst**                                                                                            2000-2002
**Capital One**                                                                                                   Richmond, VA
Used knowledge of C, UNIX, SQL, and relational databases to maintain Capital One's Customer Disputes software and data.
Key Accomplishments:
- Led upgrade projects for the Disputes area including training two new programmers and directing programmers based overseas.

**Programmer Analyst**                                                                                              1996-2000
**Circuit City Stores**                                                                                            Richmond, VA
Successfully implemented PeopleSoft Human Relations software conversion from PowerBuilder.
Key Accomplishments:
- Technical lead of a 5 person team to switch existing Human Relations software from an existing PowerBuilder front end to PeopleSoft HR.

**Systems Engineer**                                                                                                 1991-1995
**EDS**                                                                                                           various locations
Responsible for requirements gathering, analysis, design, specification, programming, and testing various parts of the EDS Medicaid systems in several states.  Conducted end user training classes for the newly implemented Public Assistance program in Florida and documented the system for future projects. Coded in Unix shell scripts, PowerBuilder, COBOL, Informix

## ADDITIONAL EXPERIENCE

**Substitute Teacher**                                                                                              2016 - Pres.
**Hanover County Schools**                                                                                      Hanover County, VA
Frequently requested for long term positions teaching math and history at different Hanover middle schools.  This included preparing lessons, developing teaching aides using newly installed Smartboards, tests, grading, parent communications.  Well versed in Schoology, Google tools. Completed a full year of virtual teaching in 2020-2021 as Math 6 teacher.

**Supply Corps Officer**                                                                                            1985 - 2007
**United States Navy**                                                                                           various locations
Served five years active duty first as a Disbursing officer in Greece and then as Disbursing/Sales Officer and then Food Services Officer on board the USS Cape Cod. 17 years in the Reserves focused on contracting and logistics. One year as a Commanding Officer.
- Earned the Batchelder Award for Leadership.
- Achieved the rank of Commander.

## EDUCATION

- ❖ Full Stack Development Bootcamp Certificate: University of Richmond, Richmond, VA – 11/2022   A 24 week intensive program focused on gaining skills in HTML, CSS, JavaScript, React, Express, Node.js, Bulma, Bootstrap, Tailwinds, MongoDB, and Handlebars.  **Voted by classmates to receive the Student Service Award for assisting classmates throughout the course.**
- ❖ Database Management and Object Oriented Analysis/Design: Virginia Commonwealth University, Richmond, VA - graduate class in Database Management
- ❖ Bachelor of Arts in Math/Computer Science: Emory University, Atlanta, GA