James Smith

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Full Stack Developer

React.js | JavaScript | Java

Innovative and results-driven Web Developer with over 16 years of experience in designing, developing, and optimizing web applications using a comprehensive tech stack including React, Node, HTML5, CSS, Bootstrap, JavaScript, jQuery, and Java. Extensive experience with MSSQL DB and basic experience with MongoDB. Demonstrated expertise in building robust RESTful APIs on Tomcat servers, managing SQL databases, working with T-SQL and deploying applications using Docker. Proficient in utilizing GitHub for version control and implementing CI/CD pipelines to streamline development processes and enhance team collaboration. Adept at translating complex requirements into functional and efficient software solutions. Committed to adopting the latest technologies to deliver user-centric products and services.

WORK EXPERIENCE

Analytica – *Bethesda, MD*   May - Sep 2023
Full Stack Developer
Responsible for building VM to house various repositories to support a standalone network environment

- Created PROXMOX server to load and build various VMs supporting software development
- Developed GitLab VM for local repository
- Created GitLab Runner VM to support software builds and deployments
- Used Docker Stack with many VMs scaling up and down various applications
- Configured a local repository containing the entire Centos 8 repository as a test case to update all local VMs from the local repository
- Worked with ChatGPT in creating baseline applications to test and scale in Docker Stack
- Worked with the following technologies: GitLab, GitHub, GitLab Runner, Docker, Docker Hub, PROXMOX, Python, ChatGPT, React.js, Node.js, Axios

MIKEL Inc – *Middletown, RI*   Oct 2006 - May 2023
Full Stack Developer Program Manager
As a full stack developer, I was the lead full stack developer in rebuilding a Navy Analysis website using modern web technologies

- Developed flat file and email reader to ingest data via parsing routines
- Converted classic ASP pages into slim and efficient html, CSS, and JavaScript pages with Java as the backend

- Extensive experience with MS SQL, T-SQL, JavaScript, jQuery, Bootstrap, DataTables, JSON and Java rest API. Secondary languages were PHP, VBScript and dot Net.
- Team lead and supervisor on the data analysis website. Subject matter expert for old and new website's code base.
- Performed system-programming enhancements, upgrades, fixes, minor changes as required by PTR tasking
- Provided support as database administrator performing, backups, restores, performance enhancements and maintenance as needed for over 30 databases
- Completed various training courses in React.js, React Redux, React Auth and Next.js

Program Manager
- Managed 5 different Department of Defense Contracts
- Interacted with customers and clients to identify business needs and requirements.
- Established team priorities, maintained schedules, and monitored performance.
- Addressed and resolved technical, financial and operational concerns by working with team members and directors.
- Responsible for managing program risk, schedules, cost, planning, programming, staffing, budgeting and execution of the program

Sonalysts Inc – *Waterford, CT*   Sep 1994 - Sep 2005
Software Developer
- Created software routines to support manipulating data collection and file reduction
- Developed data stripping routines for Data Gathering Systems (DGS). Developed parsers in java to parse various data sources to a NEARS input format.
- Supported development and implementation of the DEBRIEF analysis software. Provided
- user interface feedback, issue tracking, and enhancements requests to the DEBRIEF developer.
- Performed Track Reconstruction and Analysis.
- Improve track reconstruction by using advanced software reconstruction software. Moved track reconstruction from 1975 Burroughs Equipment to an IBM AIX Unix software-based system followed by Windows-based Naval Exercise Analysis Reconstruction Software (NEARS).
- Developed installation process for installing Marine Inertial Navigation System (MINS) on diesel submarines.
- Developed software routines to parse MINS data file formats

United States Navy –*USA*   Feb 1985 - Sep 1994
Electronic Technician
- Achieved Master Training Specialist while on tour and the Naval Submarine School Groton CT
- Maintained and instructed personnel in the operation and maintenance in electronic navigation (ESGN, NAVSAT, and

- Omega) systems. Developed and maintained curriculum on all instructional courses.
- Electronic technician, onboard the USS HELENA and USS BOSTON. During, these two sea tours they assigned me various duties involving the analysis of tactical data and developing and providing recommendations to the Commanding Officer (CO) and Officer of the Deck (OOD). Worked with ESM and Navigation equipment. Performed preventive maintenance, troubleshooting and repair.
- Received Good Conduct medal, Expeditionary Medal while serving in the navy.

EDUCATION

Eastern State University – *Willimantic, CT*
Bachelor of General Studies – Computer Science, May 2010

PROFESSIONAL SKILLS

- JavaScript, React.js, Node.js, Html, CSS
- Bootstrap, DataTables, jQuery
- Java, SQL Database, MongoDB, T-SQL
- GitHub, GitLab, SVN, Jira, DevOps, Agile
- Docker, Docker Stack

AWARDS AND HONORS

Phi Theta Kappa Honor Society - *Willimantic, CT*   2010

Master Training Specialist - *Groton, CT*   1992
- Achieved Master Training Specialist while performing instructor duties at the Groton Submarine Base school

Expeditionary Medal – United States Navy   1990

Good Conduct Medal – United States Navy   1990

Portfolio

- GitHub: https://github.com/budfrogs
- Website: https://www.budfrogsdev.me