

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 Classic ASP, HTML5, CSS, Bootstrap, JavaScript, jQuery, and Java. 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
- Configured GitLab VM for local repository
- Configure GitLab Runner VM to support software builds and deployments
- Configured Docker Stack using numerous 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 ChatGPT extensively 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 Manager

As a full stack developer, I was the lead developer in rebuilding a Navy Analysis website originally in Classic ASP to web-based technology

- 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

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- 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

- Developed 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

EDUCATION

Eastern State University – Willimantic, CT

Bachelor of General Studies – Computer Science, May 2010

PROFESSIONAL SKILLS

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

AWARDS AND HONORS

Phi Theta Kappa Honor Society - Willimantic, <i>CT</i>	2010
Master Training Specialist - Groton, <i>CT</i>	1992
<ul style="list-style-type: none">• Achieved Master Training Specialist while performing instructor duties at the Groton Submarine Base school	
Expeditionary Medal – United States Navy	1989
Good Conduct Medal – United States Navy	1989

LANGUAGE COMPETENCIES

- English: native language
- Portuguese: beginner

PORTFOLIO

- GitHub: https://github.com/budfrogs/portfolio_mernstack
- Website: <http://www.budfrogsdev.me/>