Cleared Software Engineer – Developer

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**PROFESSIONAL SUMMARY**

Software Engineer-Developer with over 7 years of experience in information technology with a specialty in full-stack web development and database development. Self-directed specialist in evaluating, assessing, developing, and implementing websites, applications, databases, and software’s alike, while supporting client’s needs throughout project life cycle.

Impactful organizational skills with a prowess in cross-functional team communication and leadership. Expertise in software testing, troubleshooting, data analysis, identifying issues while finding effective solutions and providing program development documentation.

**TECHNICAL SKILLS AND TOOLS**

**Programming Languages, Tools, and Software’s:**

Adobe XD, Figma, Storybook

SDLC, Agile, Jira

Angular, Node, React/React Native, Java

Gerrit, Git, GitHub

GraphQL

HTML, CSS, JavaScript ES15

Jenkins

jQuery, JSON, Node.js

Linux, Unix

MongoDB, MySQL, Postgres, Oracle DB’s

NPM, Homebrew

PHP

Postmen

Shell Script

SQL, PL/SQL, Redis

React Router, PM2

Typescript

Webpack, Babel, Rollup

**WORK EXPERIENCE**

**ZFN Consulting, Silver Spring, MD June 2020 – January 2024**

**Software Engineer**

* Developed web applications using React, NodeJS MongoDB and Shell Script.
* Implemented CSS library such as Bootstrap.
* Developed middleware for express servers to process API requests.
* Implemented Json Web Token to authenticate and authorize user on express servers for internal application.
* Designed and implemented scalable solutions for data storage with the use of SQL databases such as Postgres and MySQL.
* Developed UI/UX interfaces while keeping Web Content Accessibility Guideline (WCAG) standards for internal sites.
* Developed and implemented SQL functions and procedures.
* Deployed applications on AWS S3 Bucket and EC2 instance.
* Configured NGINX to deliver dynamic/static content and to serve as a load balancer.
* Implemented automated tests to ensure code quality and reliability in accordance with best practices.
* Collaborated closely with other developers on projects that required multiple departments and people to complete tasks.
* Developed and integrated CRUD operation for relational database.
* Created Standard Operating Procedures (SOP’s) and technical documents for system architecture, components, automation programs, and based on the business requirements and needs.
* Collaborated with Project Managers and Business Analyst (BA) to understand the business design, requirements and needs for the wire-framing in preparation for Federal clients.
* Developed and executed unit tests using Jest to ensure functionality and maintain high code quality.

**BAE System, Rockville, MD October 2019 – May 2020**

**Software Engineer**

* Tailored markup languages such as HTML, CSS Bootstrap, JavaScript, React, and Angular to produce user-friendly interface components for applications by analyzing user requirements.
* Utilized Storybook and Svelte to develop and document UI components, enabling consistent design and efficient collaboration across development teams.
* Pioneered proprietary COTS through evaluation of requirements from stake holders, users, and SSP Project Managers.
* Redesigned and assembled an internal repository to store classified and unclassified NAVY-SSP Documents and a pipeline for access management documentation.
* Designed, assembled, and maintained full-stack web-based applications within an Agile development environment including monthly sprints, daily standups, and monthly scrum meetings.
* Developed UI/UX interfaces while keeping Web Content Accessibility Guideline (WCAG) standards for internal sites.
* Spearheaded the development and maintained custom components and widgets for internal and external client facing proprietary software interface.
* Automate development operations such as code reviews and code deployments through developing and fostering shell script files. Integrated and developed Express REST API services utilizing ExpressJS.
* Created Standard Operating Procedures (SOP’s) and technical documents for system architecture, components, automation programs, and based on the client and business requirements and needs.
* Pioneered and assembled and enhanced continuous integration and deployment using Jenkins, Gerrit, Git, and shell scripts while adhering to Change Management/Release Management Protocols.

**Eagle Hill Consulting, Federal GSA Washington, DC March 2019 – April 2019**

**Lead Web Developer**

* Collaborated with Project Managers and Business Analyst (BA) to understand the business design, requirements and needs for the wireframing in preparation for Federal webservices.
* Organized managed and deployed application repositories to AWS.
* Supported team with maintenance of production websites using Federal services, and JavaScript API, while making CIO website mobile friendly.
* Leveraged HTML, CSS Bootstrap, and JavaScript to meet the web application requirements and business needs.
* Continuously uploaded and fostered federal blogs utilizing Markup HTML and CSS.
* Utilize Adobe XD to develop wireframes for the Federal proprietary website to meet the stakeholder requirements.
* Subject Matter Expert (SME) for Chief Information Officer (CIO’s) during the Analysis, Design, and development phase of the CIO.gov website.
* Consulted and supported stakeholders with capacity planning for the CIO.gov website.
* Coordinate input from other components in order to design detailed programs and websites.
* Supported less experienced colleagues in identifying, understanding, and resolving programming issues and/or concerns through guidance and fostering.
* Complied with the Web Content Accessibility Guidelines (WCAG) in the design and implementation of the CIO.gov website.

**Flex April 2015 – February 2019**

**Software Developer**

* Programed in HTML, CSS, JavaScript, MySQL Java and Node.JS to create appealing responsive websites.
* Utilized JavaScript libraries such as React, Bootstrap and developed user authorization system and appealing responsive applications.
* Developed and updated the Flex internal application.
* Created, modified and improved web page design and layouts.
* Ensured the site followed the brand guidelines and business needs.
* Established and maintained effective risk mitigation procedures.
* Advised internal groups on all issues relating to the web site and best next steps.
* Collaborated with design team to create and enhance HTML templates and wireframes.
* Determined technical needs of the project and ensured it coordinated with specifications and requirements.
* Optimizing web server configurations and scaling web applications
* Connected web applications to the Google Map API and Facebook API.

**EDUCATION**

**UMGC** B.S in Information Systems Management – Expected Completion May 2025