LAWRENCE JEFFERSON II

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📍 Clarkston, WA

SUMMARY

Experienced professional with a proven track record in program and project management, employing modern technology in leading teams while mastering technologies and outside of the box thinking to solve complex problems across various government, public, and private industries.. Coming from a family rooted in technology, I enjoy investigating and learning about applications and technology stacks so that I may leverage them in my duties. Technology proficiency backed by an associate in applied science in Web Publishing, Information Technology Infrastructure Library (ITIL4) certification, Certified Associate Python Programmer (PCAP) certification course, and the Google Cybersecurity Professional Certificate and MERN stack Web Development bootcamp with V School.

SKILLS

- **Languages**: HTML, CSS, JavaScript, Python, TypeScript
- **Frameworks**: Node.js, Express.JS, Django, Flask, Pandas, Numpy, Nest.js
- **Libraries**: React, jQuery, Django, FastAPI, Redux
- **Databases**: MongoDB, SQL, FireBase
- **Authorization**: Passport.JS, Bcrypt, Authlib, JWT
- **Testing**: Mocha, Chai, Jest, Selenium
- **CI/CD**: GIT, GitHub, NxDev, Netlify, Render

EXPERIENCE

Teacher Assistant- V School   Salt Lake City, UT Apr - Sep 2024

- Assist students enrolled in the V-school's MERN stack web development program, ensuring a rewarding learning journey.
- Guide students through assignments and coding challenges, encouraging independent problem-solving while providing timely support.
- Collaborate with fellow teaching assistants and instructors to address challenges and enhance the overall student experience.
- Respond promptly and comprehensively to student inquiries, fostering improved satisfaction and quicker issue resolution.
- Employ effective problem-solving skills to tackle complex challenges, enhancing student understanding and the learning environment.
- Facilitate communication by forwarding student requests to relevant instructors, streamlining the learning process for a more efficient educational environment.

Idaho Department of Corrections - Shift Commander, Lead Investigator   Cottonwood, ID Aug 2013 - Sep 2021

- Managed correctional substance abuse and rehabilitative programs for a population of 400 offenders, maintaining strong quality control.
- Implemented technology solutions for COVID operations, increasing efficiency and safety.
- Oversaw substance abuse and rehabilitative programs for 400 offenders, enforcing stringent quality controls to ensure the effectiveness of the rehabilitation process, leading to improved program outcomes.
- Led a team of 11 correctional case managers, ensuring complete adherence to assessment matrix tools, which facilitated accurate and consistent offender evaluations.
- Conducted four annual solutions-based treatment groups with up to 10 participants each, utilizing innovative therapeutic strategies that resulted in 85% compliance in offender rehabilitation.
- Introduced technology solutions specifically for COVID-19 operations, enhancing operational efficiency and ensuring safety, which contributed to a reduction in COVID-19 cases within the facility.

Easel Forge - Owner & Operator   Cottonwood, ID Apr 2009 - Sep 2014

- Leveraged expertise in both front-end and back-end development to ensure seamless project execution and client satisfaction.
- Led a specialized web design business, focusing on front-end development while integrating comprehensive back-end knowledge, which facilitated cohesive team project management and resulted in enhanced web solutions.
- Directed the "Designer J" section for a local newspaper, offering web and logo design services that improved the newspaper's online presence and brand image.
- Provided critical web and network support to around 20 clients, applying my technical skills and customer service excellence to solve complex issues and improve their online operations.

United States Army - Platoon Sgt, Operations Sgt, Section Chief   CONUS/OCONUS Jul 1989 – May 2013

- Supervised 40 to 60 military personnel, accountable for their morale, welfare, evaluation, and professional and personal development, increasing capabilities by 25%.
- Supported operations for logistical, daily operations, and assets control, providing direct support to over 1,500 military and civilian personnel with 100% accountability.
- Served as a tactical trainer for a 20-man team deployed to Afghanistan, achieving no discrepancies and 100% (relative) compliance during training of an Afghan Infantry battalion in contact with adversaries.
- Refactored security clearance database, resulting in a 50% increase in clearance validation response from OPM.

PROJECTS:

Vast AI Gang Dashboard Application   Full Stack 2024
Private Project code base. Code owner: Vast AI Gang LLC
As part of an Agile team working with Vast AI Gang LLC and V School, I contributed to developing a dashboard application for hosts renting out their machines on Vast AI. My responsibilities included creating features, refactoring code, and ensuring seamless integration between the frontend and backend. The application provided a user-friendly interface for monitoring machine metrics, configuring notification settings, and generating reports.

LuxGirl Grocery App   Frontend React 2024
Live link: https://grocery-jefferson-app.netlify.app
Grocery App built for daughter using React and Firebase. React handles front-end and firebase handles back-end requirements. It has full CRUD operations and is an alternative to a full stack application with programmed back-end

MERN Stack Helper 2.0 -   Web Development Bootcamp
Full Stack Project 2024
Live link: https://mern-stack-helper-2-0.onrender.com/
This application is a full stack application with authentication. It uses HTML, CSS, JavaScript, MongoDB, Express.js, React + Vite, and Node.js. This application demonstrates complex routing, multiple theme options, and user specific CRUD operations with custom API. MERN Stack Helper, our primary aim is to support fellow students in their journey through the Full Stack Web Development course. We understand the challenges of mastering multiple technologies, which is why we've developed this application as a reference and helping tool.

Web Projects   2010-2013
Live link to projects: https://menokoog.github.io/Past-Web-Projects-for-Clients/
Static web site projects for prior clients when I managed Easel Forge and Designer J. These sites were primarily created using Adobe Master Collection, HTML, CSS, JavaScript. All graphics were my design also**.**

EDUCATION & CERTIFICATIONS
V School - Full Stack JavaScript Web Development Bootcamp
Google - Career Certificate for Cybersecurity, U.S. Chamber of Commerce Career Forward Program
Syracuse University - Python Certified Associate Level Programmer (PCAP)
American Military University - AS, Web Publishing