

TIMOTHY LEWIS

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SOFTWARE ENGINEER | INFORMATION TECHNOLOGY | CYBERSECURITY

Software Engineer with 4 years of experience in full-stack development, automation testing, and secure software practices for government and commercial clients. Skilled in developing and securing front-end (React, Angular) and back-end (Spring Boot, SQL) solutions, ensuring high performance and data integrity. Experienced in test automation with Selenium and Java, improving system reliability and compliance with security standards. Proficient in DevSecOps methodologies, integrating security into CI/CD pipelines using Docker and Jenkins. Currently expanding expertise in cybersecurity, threat analysis, and vulnerability management to transition into a security-focused role.

- Test Automation
- Database Management
- Troubleshooting
- API implementation
- Agile & Scrum Methodologies
- Access Control & Automation
- Technical Documentation
- Cloud Infrastructure
- Secure Authentication
- Network Security
- AWS S3
- Production-style architecture

EDUCATION | CERTIFICATION

Bachelor of Business Administration | National University | 2021

Bachelor of Computer Science | Devry University | expected graduation date June 2026

React Certification

SQA Fundamentals Certification

JavaScript Certification

Test Automation Certification

DevOps Certification

Git Certification

TECHNICAL COMPETENCIES

Programming & Development: JavaScript, React, Angular, Spring Boot, JQuery, Ant Design

Automation & Testing: Selenium (Java), Postman, Debugging, Chrome Dev Tools

DevOps & CI/CD: Jenkins, Git, GitHub, DevOps

Databases & Backend: SQL, Spring Boot, Mongo DB, Firebase

UI/UX & Frontend Frameworks: Formik, Bootstrap, Visual Studio, VS Code **Software:** Microsoft Office 365, SharePoint, Microsoft Project, Google Docs

PROFESSIONAL EXPERIENCE

Booz Allen | San Diego, CA

Mar. 2022 – Nov. 2024

Software Engineer - Full Stack

Developed full-stack solutions and automated testing frameworks for government and commercial projects as part of Booz Allen's Residency Program. Designed scalable applications, optimized workflows, and improved software reliability.

- Completed rotations across multiple client projects, adapting to diverse industries and technical environments to enhance flexibility, technical proficiency, and cross-functional collaboration.
- Designed and implemented dynamic, user-friendly interfaces using Angular and React, incorporating component-based architecture and state management to improve scalability and responsiveness.
- Developed and optimized secure APIs and backend solutions using Spring Boot and SQL, managing complex data workflows to enhance performance and security.
- Streamlined software deployment by implementing Docker for containerized environments and configuring Jenkins to automate build and deployment pipelines, improving CI/CD efficiency and reducing errors.

- Created and integrated automated end-to-end test scripts using Selenium and Java for Veteran Affairs projects, ensuring early bug detection, optimized test coverage, and compliance with high regulatory standards.
- Attained certifications in React, SQA Fundamentals, JavaScript, Test Automation, DevOps, and Git, expanding expertise in software development, testing, version control, and CI/CD best practices.

MIVET | City, State
2023 Software Engineer

Jul. 2022 – Jan.

Developed front-end features and content management functionalities for MiVet, a digital platform enhancing equine veterinary services through document storage, invoicing, messaging, scheduling, and integrated billing.

TIMOTHY LEWIS | PG. 2

Software Engineer (Continued from page 1)

- Enhanced user experience by developing and implementing a dynamic blog rendering system in React, enabling paginated views and detailed content displays.
- Improved content management efficiency by designing and integrating filtering, routing, and CRUD functionality, reducing manual content organization efforts.
- Boosted form validation accuracy by implementing Formik with Yup schema validation, reducing user input errors and improving data integrity.
- Expanded platform capabilities by integrating Google Maps API, allowing users to search and view service locations, increasing engagement with location-based services.
- Reduced debugging time by efficiently identifying and resolving front-end issues using developer tools, improving website performance and functionality.
- Strengthened system reliability by connecting React components to REST APIs and verifying functionality with Postman, ensuring seamless data exchanges.

CENSECFOR DET | San Diego, CA
Administrative Assistant

Apr. 2019 – Apr. 2022

Provided administrative and legal support, managing correspondence, drafting legal documents, and organizing case materials to enhance office efficiency.

- Streamlined case preparation by drafting and filing legal documents, including deeds, wills, motions, and litigation materials for NYS Supreme and U.S. District Federal Courts.
- Improved case management by reviewing, researching, verifying, and routing correspondence, reports, and legal documents, ensuring accuracy and compliance.
- Facilitated legal proceedings by gathering and organizing evidence and supporting materials for attorney review and expediting case preparation.
- Enhanced workflow efficiency by managing correspondence, scheduling, and document tracking, ensuring timely completion of administrative tasks.
- Accelerated medical malpractice case processing by requesting and following up on medical records, ensuring attorneys had the necessary documentation.
- Maintained court compliance by preparing and submitting motions, appeals, and legal documents before deadlines, preventing procedural delays.

United States Navy | San Diego, CA
Administrative and Legal Support Specialist

Sept. 2010 – Aug. 2018

Provided administrative, legal, and operational support to service members while ensuring efficiency in correspondence processing, personnel management, and mission execution.

- Led, supervised, and trained 50 personnel during two six-month deployments, implementing structured training programs that improved operational readiness, task efficiency, and success in high-pressure environments.
- Delivered medical support to 500 patients, ensuring timely and accurate care in high-demand environments.

- Successfully navigated a naval vessel through hostile waters, contributing to mission success and operational security.
- Provided customer service to 6,400 officers and enlisted personnel, tracking and processing over 2,000 pieces of correspondence to maintain efficiency and rapport.
- Reviewed, verified, and processed over 650 special pay and funding requests with a 0% error rate, ensuring precise financial transactions and compliance with military pay regulations.
- Optimized administrative efficiency by leveraging word processing, spreadsheet, database, and presentation software to automate reporting functions and improve data accuracy.