Leah Frye

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Full Stack Web Developer with 5+ years of experience building and deploying scalable web applications using modern JavaScript frameworks. Recent work includes leveraging AI tools (Grok, Gemini APIs) to enhance user experience, alongside growing experience in cloud infrastructure, secure data handling, and automation. Skilled in the full application lifecycle: design, development, testing, deployment, and support.

Skills

Languages and Frameworks:
HTML, CSS/SCSS, JavaScript, TypeScript, React, JQuery, Node.js, Python

Backend & Security:
API development, MySQL, SQLite, Sequelize ORM, Passport.js, SharePoint, PII handling, role-based access control (RBAC)

DevOps and Deployment:
Docker, Traefik, GitLab CI/CD, Linux server management, AWS EC2/S3

AI and Automation Tools:
Grok and Gemini APIs, Microsoft PowerApps and Power Automate

Development Practices:
Test-driven development, debugging, troubleshooting, responsive design, cross-browser compatibility

Design & UX Tools:
Adobe Photoshop, Illustrator, Premiere, wireframing, graphics for web

Additional Skills:
Documentation (wikis, tutorials), project management, client communication & support

Employment History

Full Stack Web Developer
Remote · June 2025 - Present · Llama Logic LLC

- Build and deploy a production-ready web application integrating Grok and Gemini APIs for advanced graph analysis
- Develop scalable front end backend features with React and Python, ensuring clean, maintainable code
- Configure MySQL database for secure user data and account management, implementing authentication, activation workflows, and role-based access control
- Deploy applications using Docker, AWS EC2, GitLab Container Registry, and Traefik
- Manage SSL certificates and load balancers for secure public-facing deployments

Information Technology Specialist

Remote · April 2024 – May 2025 · Naval Postgraduate School, Department of the Navy

- Developed campus-wide business applications using Microsoft Power Platform (PowerApps, Power Automate)
- Automated and modernized outdated department workflows and web processes
- Created branded, accessible low-code applications aligned with organizational standards
- Built scalable automations to repair data issues and streamline operations
- Optimized and repaired existing workflows; created automation to resolve data integrity issues.
- Managed SharePoint data sources and configured access roles in compliance with Least Privilege
- Configured custom permission logic in Power Automate for secure handling of PII and sensitive requests
- Documented workflows with visual diagrams, tested apps across user roles to ensure proper access
- Collaborated with clients in an Agile workflow to gather requirements and deliver end-to-end solutions

Web Developer / Full Stack Web Developer

Monterey, CA + Remote · October 2016 – April 2024 · NEC at the Naval Postgraduate School
* Progressed from front-end to full-stack development over 9 years

- Developed and maintained full stack applications using Node.js, MySQL, and Sequelize ORM
- Built RESTful APIs, managed user sessions, and securely stored encrypted credentials
- Created real-time collaborative tools and interactive course modules using WebSockets (Socket.io)
- Designed UI components, maps, and icons using Adobe Photoshop and Illustrator
- Managed WordPress content, customized themes, and developed plugins
- Deployed applications using Docker and Traefik for load balancing and SSL
- Implemented CI/CD pipelines using GitLab Runner, GitLab CI and GitLab API
- Configured authentication systems using SAML, OpenID, LTI, and standard login flows
- Maintained Linux servers, resolved security vulnerabilities, and ensured compliance with IT policies
- Translated UI mockups into responsive, cross-browser-compatible front ends
- Updated campus websites via Liferay and WordPress; built custom faculty sites
- Documented systems, created tutorials, and supported clients directly

Media Assistant

Monterey, CA · April 2015 – October 2016 · NEC at the Naval Postgraduate School

- Built interactive training tools using jQuery, HTML, and CSS for faculty
- Assisted developers with front-end features using JavaScript, React, and Redux
- Edited and produced multimedia content, including graphics, video, and audio
- Updated and maintained web pages for clients and faculty

Education & Certification

- B.S. in Applied Computer Graphics, California State University, Chico — *2014*
- AWS Certified Cloud Practitioner — *Valid through 2025*