

# Klea Merkuri

klearndev@gmail.com | (818) 355-3683

[LinkedIn](#) | [Portfolio](#) | [Blog](#)

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## SKILLS

**Frontend Development:** React, Gatsby, JavaScript (ES6+), TypeScript, HTML, CSS, SCSS

**Backend Development:** Node.js, RESTful APIs, GraphQL, PHP, Python

**Database Technologies:** MySQL, MongoDB, PostgreSQL

**Cloud & DevOps:** AWS (S3, Lambda), CI/CD Pipelines

**Collaboration & Tools:** JIRA, Git, GitHub, Slack, WordPress, Agile Methodologies, Browser DevTools

## EXPERIENCE

### Web Developer - Experian | NOV 2023 - PRESENT

- Architect migration of a high-traffic blog from WordPress to a modern headless CMS leveraging React, Gatsby, and GraphQL, achieving a 20% reduction in load times and enhanced SEO performance while maintaining a responsive design for optimal user experience.
- Collaborate with backend teams to develop scalable APIs in Node.js, enabling seamless data flow and integrating third-party tools with frontends to enhance user functionality and performance across distributed systems.
- Mentor teammates by leading sessions on scalable code design, testing, and performance optimizations, ensuring adherence to high technical standards and improving team-wide code quality.
- Partner with cross-functional teams, including designers and product managers, to define technical requirements and deliver high-quality, user-focused features in an Agile development environment.
- Debug complex frontend issues using DevTools, optimizing performance and ensuring responsive design across distributed environments while maintaining high code quality.

### Content Marketing Coordinator - Experian | NOV 2021 - NOV 2023

- Automated workflows and optimized deployment pipelines by building a Node.js application integrated with Google APIs, reducing manual effort by 10x and accelerating delivery timelines for content-related initiatives by more than 50%.
- Streamlined content quality assurance as measured by 30% reduction in broken links and 25% decrease in duplicate content by auditing pages using browser developer tools for frontend validation while building custom Python and Node.js scripts to automate sitewide integrity checks and compliance remediation.
- Partnered with E-Commerce and SEO to support website functionality QA testing, and ensure pages are instrumented to enable proper tracking and performance analysis.

### Resident Analyst - obo. Agency | SEP 2021 - NOV 2021

- Designed business logic and extracted key data elements from B2B client databases, enabling data-driven insights to improve customer personalization and engagement metrics.
- Developed automation workflows and implemented responsive landing pages and templates using HTML, CSS, and JavaScript, improving usability and targeting customer personas.
- Improved customer engagement by transforming user requirements into digital initiatives, including responsive CRM integrations and data migrations, ensuring seamless user interactions and scalability.

## PROJECTS

### [Experian Blog](#) | [Live Site](#)

Architected and implemented enterprise blog migration from traditional WordPress to headless architecture using Gatsby and GraphQL. Built with a focus on scalability, content delivery optimization, and automated deployments.

### [PDF File Reader App](#) | [GitHub](#)

Full-stack application built with React frontend and Flask/Python backend that processes and displays PDF documents. It features a custom drag-and-drop file input, seamless uploading animations, and robust PDF parsing and reading capabilities.

### [Portfolio Site](#) | [GitHub](#)

Full-stack application built with React/Gatsby frontend and MaterialUI that showcases expertise in frontend development, performance optimization, and modern web technologies. It features dynamic content, SEO-friendly architecture, and a sleek, responsive design to highlight projects and skills effectively.