Klea Merkuri

kleamdev@gmail.com | (818) 355-3683   [LinkedIn](#) | [Portfolio](#) | [Blog](#)

Proactive engineer and systems orchestrator with experience in React, TypeScript, and modern JavaScript, adept at integrating microservices, implementing CI/CD pipelines, and optimizing UI performance for large-scale user bases.

SKILLS

Frontend Development: React, Gatsby, Next.js, JavaScript (ES6+), TypeScript, HTML, CSS, SCSS
Backend Development: Node.js, RESTful APIs, GraphQL, PHP, Python, API Development
Database Technologies: MySQL, MongoDB, PostgreSQL
Cloud & DevOps: AWS (S3, Lambda), CI/CD Pipelines, Docker
Collaboration & Tools: JIRA, Git, GitHub, Slack, WordPress, Agile Methodologies, Browser DevTools

EXPERIENCE

Software Developer - Finance of America | SEP 2025 - PRESENT

- Design and ship consumer-facing features, including calculators and reusable UI components, across enterprise WordPress and PHP properties, enhancing page performance, UX consistency, and content discoverability across business units.
- Collaborate across product, design, SEO, and backend engineering to define requirements and deliver iterative improvements in an Agile workflow, maintaining code standards and Git-based CI/CD deployment hygiene to ensure stable releases.
- Implement SEO-focused, WCAG-compliant front-end patterns using HTML5, CSS/SCSS, and JavaScript while integrating REST APIs, optimizing load paths with browser DevTools, and resolving cross-browser/device edge-case issues.
- Contribute to design system maturity by extending modular components and pattern libraries across marketing properties, accelerating delivery velocity while improving consistency and governance across CMS environments.

Web Developer - Experian | NOV 2023 - SEP 2025

- Architected and deployed custom Node.js APIs to bridge BI platforms (Looker, Tableau) with a headless WordPress CMS, enabling the dynamic rendering of live data visualizations within marketing content.
- Engineered an interactive WebGL data visualization for the chatbot product, utilizing a high-performance "flying meteor" animation to traverse global coordinates and programmatically display localized engagement metrics from real-time tracking data.
- Architected the migration of a high-traffic blog to a headless CMS (React, Gatsby, GraphQL), achieving a 20% reduction in load times and significantly enhancing technical SEO performance and Core Web Vitals.
- Collaborated with backend teams to develop and deploy scalable Node.js APIs for seamless data flow, integrating with third-party tools and monetization/user engagement widgets to enhance front-end functionality and web performance across distributed systems, aligning with SEO data exposure requirements.
- Mentored teammates on scalable code design, testing, and performance optimizations, contributing to high technical standards and team-wide code quality, with an emphasis on best practices for web performance and maintainability of internal tooling.
- Partnered with cross-functional teams (Design, Product) in an Agile environment to translate SEO strategies into scalable engineering solutions.

Content Marketing Coordinator - Experian | NOV 2021 - NOV 2023

- Developed internal tools and automated workflows 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%, thereby improving SEO processes and content optimization.
- Streamlined content quality assurance, reducing broken links by 30% and duplicate content by 25%, by auditing pages using browser developer tools for frontend validation and developing custom Python and Node.js scripts to automate site-wide integrity checks and SEO audits, enhancing observability of content health.
- Partnered with E-Commerce and Technical SEO teams to support website functionality QA testing, ensuring proper instrumentation for tracking, performance analysis, and SEO critical metrics monitoring using logging and dashboards.

EDUCATION

University of California, Los Angeles

Bachelor's in Economics | Graduated 2019, Summa Cum Laude