Dionysios Mouroutis

Engineering Leader and Software Architect

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PROFILE

I am an Engineering Leader and Software Architect with over 13 years of professional software development experience, spanning full-stack engineering, technical leadership, software architecture, product delivery, and people development.

EXPERIENCE

Technical Team Lead · Amdocs

May 2023 – Present

Lead frontend engineering and contribute to product delivery, technical architecture, development practices, and people management within an enterprise software environment.

- Lead and mentor developers, conduct performance evaluations, and take part in technical interviews and hiring decisions.
- Initiated and drove a major Vue 2 to Vue 3 modernization effort, from proof of concept and architecture through planning, implementation, testing, code review, and coordination.
- Developed repository guidelines, Cursor rules, skills, and task-level implementation guidance to support AI-assisted migration.
- Contributed to product and architectural discussions on APIs, DTOs, event-driven approaches, performance, and integration design.
- Introduced or promoted engineering practices: PR templates, CI checks, testing, release tagging, and knowledge sharing.
- Coordinate work, communicate progress to stakeholders, and support delivery planning while remaining hands-on.

Senior Software Engineer Team Lead · SafeSize

November 2021 – April 2023

Combined frontend engineering leadership with hands-on integration and middleware development in a product environment built around resource-constrained scanning devices.

- Contributed to Node.js middleware integrating with a legacy backend.
- Implemented and optimized API endpoints, data transformations, filtering, caching, and pagination.
- Helped cut the size of scanner-facing product-list responses by moving them to paginated requests.
- Collaborated closely with product ownership, UX, and technical leadership.
- Worked on configurable interfaces, dynamic theming, and integrations with external systems.
- Led the redesign of the product interface.
- Designed and implemented an internal admin panel for the remote management and configuration of product installations.
- As team lead, handled task assignment, advisory support, and team debriefs.

Acting CTO / Senior Software Engineer · Owiwi

November 2017 – November 2021

Held broad technical responsibility within a small startup, combining technology selection, product collaboration, engineering leadership, and hands-on development.

- Led the technical selection of Vue 2 for Dashboard V2 after evaluating Vue, React, and Angular through benchmarks and broader engineering criteria.
- Independently implemented the dashboard redesign from component specifications provided by an external designer.
- Established development practices, project tracking, testing, and deployment workflows.
- Worked closely with founders on product direction, technical decisions, prioritization, and delivery.
- Guided developers as the team grew and contributed to technical hiring decisions.
- Influenced infrastructure cost decisions, including the move toward lower-cost hosting.
- Took an integral part in product planning, contributing to the extension of the product.
- Led the team as team leader: task assignment, advisory support, and debriefs.

Senior Web Developer · Webjar December 2015 – November 2017

- Developed booking-related web applications and mobile experiences with PHP and Vue.js.
- Implemented PHP middleware to transform XML-based service responses into JSON and adapt request/response flows.
- Developed PhoneGap-based mobile application functionality.

Full-Stack Web Developer · Demian Labs June 2013 – November 2015

- Contributed to PHP MVC backend and frontend development, using the CodeIgniter and MainframePHP frameworks.
- Worked with databases, application integrations, and production web applications under senior technical guidance.
- Configured and set up servers on Debian and AWS.

TECHNICAL PROFILE

Primary: JavaScript, TypeScript, Vue.js (2 and 3), Vuex, Pinia, Nuxt, Node.js, HTML, CSS, REST APIs, Frontend architecture, Testing

Additional professional experience: PHP, SQL, PostgreSQL, MySQL, Microsoft SQL Server, MongoDB, Docker, CI/CD, Git, Linux, Sass/LESS, jQuery, Socket.io, Ionic/PhoneGap, Payment processing, Service-oriented architecture, W3C standards and accessibility

Architecture and ecosystem exposure: Java/Spring Boot, .NET, Kubernetes, Event-driven systems, Redis, Queues, WebSockets, Authentication & authorization

Leadership and delivery: Engineering management, Technical mentoring, Performance reviews, Hiring interviews, Agile/Scrum, Project planning, Stakeholder communication, Product collaboration, Engineering standards

EDUCATION AND LANGUAGES

Electronics and Computer Systems Engineering, Piraeus University of Applied Sciences (2009 – November 2014)

English: Edexcel London Tests of English, Level 3 (B2), Pass with Merit

Certifications: UX Research for Product Design (Athens Tech College, 2018); Vue: The Complete Guide (Udemy); An Entire MBA in 1 Course (Udemy)

CAREER POSITIONING

Engineering Manager, Technical Engineering Manager, Technical Lead, Engineering Lead, Staff Engineer, Frontend Architect, Software Architect, Senior Full-Stack Engineer.