

ORFEAS VOUTSARIDIS

STAFF / LEAD FRONTEND ENGINEER

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



PROFILE

Frontend engineering leader with 10 years of experience designing enterprise web platforms, leading teams, and improving architecture, performance, accessibility, and developer experience. Deep expertise in TypeScript, Angular, React/Next.js, design systems, microfrontends, and Nx monorepos, supported by Node.js backend and tooling experience. Builds applied AI capabilities for developer workflows and products, including an internal code-review assistant, Azure-connected MCP tooling, and RAG systems evaluated with Python and RAGAS.

CORE EXPERTISE

Frontend architecture | Technical leadership | Design systems | Microfrontends | Monorepos (Nx) | SSR/ISR and BFF | Performance and accessibility | Developer tooling | Applied AI and MCP

PROFESSIONAL EXPERIENCE

Frontend Lead Developer | iteamSA

Jan 2022 - Present | Athens

- Lead frontend teams delivering enterprise web applications and SaaS products with Angular, React, and TypeScript.
- Architected an Nx monorepo integrating React web and React Native mobile applications with shared frontend capabilities.
- Designed and shipped a reusable Stencil.js component library to standardize UI patterns across products.
- Implemented PWA, offline-first, microfrontend, CI/CD, Azure CDN, and environment-management capabilities.
- Built supporting Node.js/NestJS services and CLI tooling to automate and accelerate developer workflows.
- Designed internal AI initiatives: an AI-assisted code-review prototype and an MCP server enabling structured interaction with Azure services.
- Built a project-specific RAG chat in Python and used RAGAS to evaluate retrieval and response quality; presented the prototype for internal adoption.

Software Engineer | Wappier

Jan 2021 - Dec 2022 | Athens

- Built React/Next.js microfrontends and server-rendered applications for production products.
- Created GraphQL middleware, custom resolvers, and real-time subscriptions connecting frontends with Strapi CMS.
- Developed complementary Node.js/NestJS REST services and containerized workflows with Docker.
- Worked across React Native and Next.js in an Nx monorepo with a shared GraphQL layer for web and mobile clients.

Software Developer | Iconplatforms

Jan 2017 - Jan 2021 | Athens

- Delivered loyalty, e-commerce, PWA, and hybrid mobile applications with Angular, AngularJS, Ionic, and React.
- Migrated legacy AngularJS applications to Angular and contributed LoopBack/Node.js middleware and REST APIs.
- Created CLI scripts and Node.js/NestJS utilities to automate recurring developer tasks.

Independent Software Developer | Selected Freelance Work

Mar 2016 - Present | Athens

- Design and build web and mobile products with React, Next.js, Angular, React Native, Node.js, PostgreSQL, and MongoDB.
- Own product architecture, implementation, deployment, and iteration for independently developed applications.

SELECTED PROJECTS

ktismaLab - Renovation Planning Platform | [Live application](#)

Solo-built web product that turns renovation briefs and photos into organized, costed plans, with AI-assisted suggestions and shareable plan snapshots for contractor quotes.

TypeScript, React, NestJS, Prisma, Supabase, Applied AI

SELECTED PROJECTS (CONTINUED)

IBS Management System | [Live demo](#)

Patient and doctor workflow application for organizing IBS-related data, implemented as a PWA with a Python/FastAPI backend. React, Python, FastAPI, SQLAlchemy, PostgreSQL, PWA

Loco CLI | [Source code](#)

Developer tool for synchronizing localization files and reducing manual translation-management work. Node.js, TypeScript/JavaScript, Transloco, CLI

RAG AI with Go | [Source code](#)

Document retrieval and question-answering system using local embeddings and LLM inference through Ollama. Go, Ollama, ChromaDB, Retrieval-Augmented Generation

Node.js AI CLI | [Source code](#)

Command-line application supporting AI chat, question answering, and image-generation workflows. Node.js, OpenAI API, CLI, Image Generation

Browser Vision with TensorFlow.js | [Source code](#)

Real-time webcam object detection implemented directly in the browser. React, TensorFlow.js, CocoSSD, Browser APIs

TECHNICAL SKILLS

Frontend: TypeScript, JavaScript, Angular, React, Next.js, React Native, Ionic, Stencil.js

Architecture: Design systems, microfrontends, monorepos (Nx), SSR/ISR, BFF, state architecture, PWA

Backend and data: Node.js, NestJS, Express.js, REST, GraphQL, PostgreSQL, MongoDB, Prisma, SQLAlchemy

Applied AI: LLM integrations, RAG, RAGAS evaluation, MCP, Ollama, ChromaDB, OpenAI API, TensorFlow.js

Quality: Jest, React Testing Library, Cypress, WAI-ARIA, Lighthouse, Core Web Vitals

Delivery: Azure DevOps, Docker, CI/CD, Azure CDN, GitHub Actions

Additional languages: Python, Go; working familiarity with C#/.NET and Rust

EDUCATION

Bachelor - Electronic Engineering | Technological Educational Institute of Crete, Chania | 2005 - 2014

PROFESSIONAL DEVELOPMENT

Advanced coursework in React, Angular, Next.js, Node.js, NestJS, frontend testing, microfrontends, and Rust. Continuous independent learning through production-oriented projects in backend systems, developer tooling, and applied AI.