

Teddy Papadopoulos
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Senior Full Stack Engineer with 15+ years of Frontend and 6+ years of Backend experience building scalable, high-performance web applications. Strong background in React, TypeScript, and cloud-native architectures on AWS and Google Cloud. Recently focused on AI-driven products, integrating LLMs into production systems with an emphasis on cost optimization, reliability, and end-to-end ownership.

SKILLS

Frontend: React 19, TypeScript, JavaScript, Next.js 15, HTML5, CSS3 (Tailwind)

Backend & Data: Node.js, Express, C#, Redis, GraphQL, Python, T-SQL

DevOps & Cloud: AWS (ECS, S3, CloudFront), Docker, Git, Google Cloud Run, CI/CD Pipelines (Github Actions)

AI & Tools: Google Gemini API, OpenAI API, Prompt Engineering, Jira

PROFESSIONAL EXPERIENCE

Founder & Lead Software Engineer, *Lion Pixel*, Remote

Sep 2025 - Present

- **Architected and developed RoboGifter** (robogifter.com), a full-stack AI recommendation engine using **Next.js 15 (App Router)** and **Node.js**, leveraging **Google Gemini and OpenAI LLMs** to generate personalized gift ideas from multidimensional user inputs.
- **Engineered prompt templates** and a robust response-parsing layer to transform unstructured LLM outputs into type-safe JSON, ensuring seamless integration with the Amazon Affiliate API.
- Optimized application latency and costs by implementing a **Multi-layered Redis Caching Strategy**, reducing external API calls by **80%**.
- Designed a sophisticated **CI/CD pipeline** in **GitHub Actions** for automated deployments to **Google Cloud Run**, utilizing a containerized architecture and **Google Secret Manager** for secure credential handling.
- Developed a high-performance frontend with **React 19** and **TypeScript**, implementing **Streaming/Suspense** for faster page loads and a stateful URL system for shareable results.
- Managed full-cycle product growth, from engineering to marketing, by executing Meta Ads campaigns to drive user acquisition and engagement for the platform.

Software Engineer II, *InMoment*, Remote

Feb 2023 - Apr 2025

- Designed and deployed real-time reporting dashboards using **React, TypeScript, and GraphQL**, implementing a **containerized Node.js backend on AWS ECS** and a globally distributed frontend via **S3 and CloudFront**.
- Refactored **25+ legacy React components**, which cut page load times by **30%** and improved code maintainability for future feature development.
- Created **internal tools** in **Python** that eliminated **5+ hours** of manual workflow per week for the engineering team, allowing for reallocation of resources to high-priority features.
- Partnered with Support and Customer Success teams to resolve complex production issues, influencing platform improvements and reducing repeat incidents.

Software Engineer I, InMoment, Remote

Nov 2019 - Feb 2023

- Built dynamic, user-facing intercepts (modals, banners, embeds) for web and mobile using **HTML, CSS, and JavaScript** for **150+ enterprise clients**, leading to a **20% average increase in user engagement**.
- Designed and implemented a reusable **JavaScript** library for the Digital Intercept product, ensuring WCAG and ADA compliance, and reducing development time by **50%**.
- Created custom data exports using **C# and T-SQL**, improving reporting efficiency by **40%** and giving enterprise clients direct access to critical analytics.
- **Authored documentation and training videos** for the Digital Intercept product that reduced onboarding time for team members from **four weeks to one**.
- Engineered branded survey applications for **50+ enterprise clients** using **React and CSS (Tailwind)**, consistently delivering projects **20%** ahead of schedule.

Senior Technical Consultant, Optimost (OpenText), New York, NY

Mar 2010 - Nov 2019

- Optimized user conversion funnels by designing, developing, and deploying **A/B/multivariate experiments** for **over 200 clients**, resulting in an average **conversion rate increase of 4%**.
- Built a **core JavaScript** library integrated into the Optimost platform that streamlined DOM manipulation and analytics tracking, reducing experiment turnaround time by **60%**.
- Led the front-end redesign of the Optimost dashboard using **HTML, Javascript, and Google Visualizations API**, resulting in a **30% reduction** in load times and a more intuitive UX.
- **Mentored and trained** a global team of up to **12 technical consultants** and created standardized documentation that became the foundation for the internal training program.

EDUCATION**Bachelor of Science (B.S.), Computer Programming and Information Systems**

Farmingdale State College, Farmingdale, NY