

ANDRES GARCIA

Philadelphia, PA

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LINKS

[*LinkedIn, Portfolio*](#)

PROFILE

Lead Engineer with expertise in backend development, AI integration, and IoT systems. Led full-cycle product development, driving architecture decisions and enhancing user experience across diverse platforms. Excelled in managing cross-functional teams and orchestrating complex partner integrations, ensuring seamless delivery and governance. Unique ability to merge technical acumen with UI/UX design, resulting in innovative, user-centric solutions.

EMPLOYMENT HISTORY

❖ **Lead Engineer (Employee #1), Harbor** Feb 2022 — Present
Philadelphia

Spearheaded development of IoT camera platform encompassing backend, device software, mobile apps, and AI features. Directed core architecture decisions, ensuring systems designed for scalability. Stayed hands-on across technology stack, enhancing infrastructure and user experience. Drove integration of vision and audio AI, creating inference pipelines and backend features for sleep insights and alerts. Facilitated leadership planning and hiring, supporting a team of 9 engineers while fostering a culture of ownership and decision-making.

❖ **Solutions Architect I, CommunityConnect at RealPage, Inc., Realpage Inc** Jan 2021 — Jan 2023
Philadelphia

Served as Solutions Architect for CommunityConnect, guiding technical integrations between partners and the RealPage platform. Collaborated with cross-functional teams to align capabilities with partner requirements. Managed enterprise-scale delivery processes, ensuring effective governance and stakeholder coordination. Supported partner architecture and integration strategy across a broader ecosystem.

- Delivered technical integrations, enhancing partner alignment with RealPage.
- Orchestrated stakeholder coordination to streamline delivery processes.
- Managed architecture strategy, strengthening enterprise integration efforts.

❖ **Lead Partner Solutions Engineer, STRATIS IoT** Nov 2019 — Jan 2021
Philadelphia

Led partner engineering relationships within smart building and IoT ecosystem. Managed technical integrations with partners like Comcast and RealPage. Collaborated with partner teams to design integrations and support SDK adoption. Developed backend and client systems using Python, Node.js, and React. Built services and tools for IoT device management.

- Drove successful platform launches with strategic partners.
- Enhanced integration tooling, improving partner onboarding efficiency.
- Drove innovation in mobile experiences for device management.
- Facilitated transition into RealPage's enterprise ecosystem.

❖ **Director of Solutions Engineering, Slyce** Jan 2017 — Nov 2019
Philadelphia

Backend engineering team member, developing core platform services in Python. Transitioned to hybrid engineering and solutions role, collaborating with sales, product, and external partners. Engaged in pre-sales activities, articulating technical platform aspects, integration needs, and implementation strategies. Collaborated internationally with partner teams, enhancing SDK integrations and guiding architectural decisions.

- Drove successful SDK integrations, ensuring smooth implementation for partners.
- Enhanced developer experience by contributing to frontend tooling using ReactJS.
- Facilitated technical discussions during pre-sales engagements, clarifying integration requirements.

❖ **Lead Front End Web Developer, SnipSnap** Jan 2012 — Dec 2017
Philadelphia

Led frontend development at SnipSnap, a mobile coupon startup reaching 3M users and \$200M in savings. Championed design for the Coupon Author platform, facilitating scalable mobile coupon campaigns. Contributed to "GoodFor" an iOS app design and website, enhancing personalized IOU coupon creation. Revamped the marketing website and blog, implementing a flexible WordPress CMS for streamlined content management.

- Led frontend development for scalable coupon distribution platform.
- Contributed to design of user-friendly iOS app and website.
- Enhanced content management through WordPress CMS implementation.

❖ **Founder & Developer, Self Employed** Jan 2009 — Nov 2019

Ran a small web development business building custom websites for small to mid-sized businesses. Most projects were built on WordPress with a focus on performance, usability, and giving clients tools so they could easily manage themselves.

- Worked directly with business owners to translate brand and business goals into tailored website designs and functionality
- Delivered end-to-end projects including design, frontend development, backend configuration, hosting, and launch

EDUCATION

❖ **Bachelor of Science - Industrial and Product Design** Philadelphia

SKILLS

Cross-functional Team Leadership	<i>Expert</i>	ReactJS	<i>Experienced</i>
Partner API/SDK Integration	<i>Expert</i>	React Native	<i>Experienced</i>
System Architecture	<i>Experienced</i>	SwiftUI	<i>Skillful</i>
Artificial Intelligence	<i>Experienced</i>	Jetpack Compose	<i>Skillful</i>
Kotlin	<i>Experienced</i>	Docker	<i>Experienced</i>
Python	<i>Experienced</i>	N8N	<i>Experienced</i>
Node.js	<i>Expert</i>	Kubernetes	<i>Skillful</i>
GraphQL	<i>Expert</i>	Devops	<i>Skillful</i>
SQL and NoSQL	<i>Experienced</i>	CI/CD	<i>Experienced</i>
Distributed Systems	<i>Experienced</i>		

LANGUAGES

English	<i>Native speaker</i>	Spanish	<i>Native speaker</i>
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