

PHILIP BARUC

Forward Deployed Engineer | Cloud Infrastructure, Full-Stack and AI

Belleville, NJ · Remote, hybrid or on-site; client travel welcome
702.445.5045 · philip.baruc@pgbinc.net · pgbinc.net · linkedin.com/in/philip-b-46b27219a

SUMMARY

Customer-embedded senior engineer with 15+ years turning client problems into production systems across full-stack, cloud and AI. Co-founder and CTO of GraniteCDN, a control layer over AWS CloudFront that makes edge delivery simple to deploy and easy to observe. I have led client-facing delivery end to end, from gathering requirements with financial-services clients to shipping their mobile apps, and I build my own products to the same standard. I embed with a team, own the messy gap between their product and their reality, and ship until they win. Open to FTE and contract.

CORE STRENGTHS

- **Client-embedded delivery:** requirements to production
- **Cloud infrastructure on AWS:** CloudFront, edge functions, Lambda, ECS, IAM, Terraform
- **Applied AI:** RAG, pgvector, versioned model and prompt deployment
- **Full-stack:** TypeScript, Vue/Nuxt, React, Node, Python, PostgreSQL, GraphQL
- **Technical leadership:** tech lead, Scrum Master, offshore team lead

EXPERIENCE

PGB Technologies — Founder / Principal Engineer

Jan 2023 – Present · Remote

GraniteCDN · Co-founder & CTO, GraniteCDN LLC · Jan 2024 – Present

- Built GraniteCDN so teams can deploy and run multiple CloudFront distributions without edge expertise; the InstantEdge flow cuts setup from ~10 minutes across multiple consoles to under 3 minutes
- Shipped modular edge functions (image optimization, redirects, cookie handling, origin headers) that customers switch on per distribution
- Built a real-time analytics pipeline (CloudFront logs → S3 → Lambda → PostgreSQL → dashboard) so teams see edge traffic as it happens
- Produced the demo site and video walkthrough used to onboard early users

Metanoia · Versioned AI platform · Jul 2024 – Present

- Made AI assistant behavior safe to change: Git-style immutable snapshots of model, prompts, memory and runtime settings, with instant rollback and no downtime
- Built hybrid RAG memory on PostgreSQL + pgvector for context-consistent answers
- Added a provenance layer that prevents accidental dataset loss across training, fine-tuning and deployment
- Real-time SSE chat with token streaming and concurrent sessions (Nuxt 4, FastAPI, AWS App Runner, Cognito)

Mimesa · 3D storytelling platform · Jan 2023 – Present

- Turned structured knowledge into explorable 3D "memory palaces" in the browser, with no install (Nuxt 3, A-Frame, Three.js, Firebase)
- Built spatial asset uploads and guided narrative tours; published a live demo and video

Endless Studios — Tech Lead

Jan 2021 – Jan 2024 · Phoenix, AZ (Remote)

- Owned the CRM platform end to end for business users; stabilized it and sped up releases
- Designed the GraphQL API layer on Node.js/Express, giving the frontend one typed schema and removing over-fetching
- Ran the AWS backend (EC2/ECS, S3, IAM, Cognito) with GitLab CI/CD
- Scrum Master: ran sprint planning and retrospectives, mentored engineers and aligned delivery with product priorities

Station Casinos LLC — Senior Full-Stack Developer

Jul 2019 – Jul 2020 · Las Vegas, NV

- Kept guest-facing booking sites (Palms.com, FiestaHenderson.com) reliable on an AEM, React, TypeScript and Java stack
- Moved releases to automated Azure DevOps pipelines for consistent deployments

Kony, Inc. — Professional Services Tech Lead

Mar 2018 – Jul 2019 · Austin, TX

- Embedded with financial-services clients to turn business needs into delivery plans, then led offshore engineers to ship their mobile banking apps
- Integrated core banking APIs (transactions, bill pay, identity validation) for secure end-to-end financial workflows

Kaseya LLC — Full-Stack Developer

Feb 2015 – Mar 2018 · Las Vegas, NV

- Refactored core Service Agent components in C# for AuthAnvil On Demand, an identity and access management platform, so it could scale for enterprise customers
- Built the Customer Service Portal on Java Dropwizard REST APIs, Cassandra/Elasticsearch and Kafka

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C#, SQL**Frontend:** Vue 3, Nuxt 3/4, React, Pinia, Tailwind, A-Frame/WebGL**Backend:** Node.js, FastAPI, GraphQL, REST, SSE, Prisma**Cloud:** AWS (CloudFront, Lambda, S3, ECS, App Runner, RDS, Cognito, IAM, API Gateway, CloudWatch), Terraform, Docker, Kubernetes, CI/CD (GitHub Actions, GitLab, Azure DevOps)**Data & AI:** PostgreSQL, pgvector, DynamoDB, MongoDB, Redis, RAG, OpenAI/Anthropic APIs**EDUCATION**

B.S. Computer Science, State University of New York