

# Peter Gautier

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Senior software engineer with 25+ years shipping production systems across the full stack. Partial to Go and TypeScript; distributed systems and developer experience are the problems I keep gravitating toward. An inveterate problem solver who's as comfortable in the weeds of a gnarly bug as in the architecture of a new system.

## EXPERIENCE

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### Momento

*Software Engineer · Oct 2022 – May 2025*

Worked across Developer Ecosystem, backend engineering, sales, and customer success to make the Momento data platform as approachable as possible for developers. Primarily focused on continuous delivery of performant, idiomatic gRPC-backed SDKs across a dozen languages. Partnered closely with customers to deliver drop-in replacements for Redis and DynamoDB, supporting deployments from early POCs through production.

Led a significant refactor of the public-facing Momento Console (React/AWS): consolidated scattered, ad-hoc per-page styling into a coherent design system, eliminated dead code, and DRYed out a sprawling multi-author codebase — improving both maintainability and security posture in the process.

### CloudBolt Software

*Senior Software Engineer · Nov 2019 – Apr 2022*

Maintained and extended CloudBolt's cloud management platform. Designed and built a unified backup and restore interface integrating two third-party data protection solutions, giving operators a consistent configuration experience regardless of backend. Served as a core developer on the ground-up redesign of CloudBolt's public-facing REST API, contributing to design, documentation, and implementation.

### Monkee-Boy Web Design, Inc.

*Senior Developer · Feb 2009 – Jul 2019*

Designed and built Monkee-Boy's internal content management platform from the ground up, twice. Each iteration leveraged improvements in the underlying ecosystem to meaningfully advance the architecture, performance, and maintainability of the system. The platform featured a schema-driven content type engine allowing internal teams to define arbitrary content models (press releases, project portfolios, team profiles, and more) that clients could then manage through a purpose-built UI. The platform's flexibility enabled fully bespoke frontend implementations as well as arbitrarily complex backend data management and API integration that off-the-shelf solutions couldn't offer.

### Titan

*Programmer · 2005 – 2008*

Delivered enterprise-wide workflow software for an Austin-based client, building Windows desktop applications and web services in C#.NET as part of a contractor team.

### Early Career

*1997 – 2005*

Began at IBM, supporting the Tivoli and IBM Software Group web teams. Subsequent roles at Prodigy Communications and PointOne Telecommunications covered web application development, backend systems, and internal tooling across a variety of domains and industries.

## PERSONAL PROJECT

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### PeLoBot — Voice Assistant & Homelab Platform (2025–present)

Designed and built a full-stack voice assistant platform as a deliberate exercise in modern distributed systems engineering. The system routes voice requests through a multi-provider AI backend spanning five inference providers

and 85+ models, with live configuration via an admin API backed by Valkey. Built a Go backend, a React frontend with a custom component library, and a GPU-accelerated local inference stack (Whisper STT, Kokoro TTS, ComfyUI image generation) running on local hardware. Instrumented with Prometheus, Grafana, and Loki. Currently migrating to Kubernetes. Built leveraging AI-assisted engineering workflows across multiple platforms, including Claude Code and Opencode.

## SKILLS

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**Languages:** Go, TypeScript, C#, Python, PHP

**Technologies:** gRPC, REST, React, Valkey/Redis, Docker, Prometheus, Grafana, Loki

**Platforms:** AWS, Linux, Proxmox

**Currently Learning:** Kubernetes

## EDUCATION

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**Trinity University**

*B.A., Psychology*