

Payne Kerz

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SUMMARY

Full-stack software engineer with four years shipping production software across enterprise platforms, contract consulting, and payments. Works end to end in TypeScript and React on the front, .NET, NestJS, and PHP on the back. Recent work integrates payment gateways into WooCommerce, Shopify, and Magento.

TECHNICAL SKILLS

Programming Languages	TypeScript, JavaScript, PHP, C#, Python, C++, SQL, HTML5, CSS
Frameworks	React, Angular, Next.js, Astro, Node.js, NestJS, Express, .NET Core, GraphQL
Databases	PostgreSQL, MySQL, MongoDB
Cloud & DevOps	AWS (ECS, CodePipeline), Docker, Terraform, Git, CI/CD
eCommerce	WordPress/WooCommerce, Shopify Admin API, Magento 2
AI Dev Tools	Claude Code, Claude API

WORK EXPERIENCE

Basys

Software Sales Engineer

Olathe, KS
2025 - Present

- Research and build new ERPs to integrate into existing iQPro+ architecture.
- Oversee development from proof of concept to full production-ready software, letting new merchants integrate into iQPro+ and drive revenue.
- Build and maintain payment gateway plugins that integrate the iQ Pro+ REST API into WooCommerce, Shopify, and Magento storefronts, expanding the B2B model to accommodate B2C.
- Advise merchants directly on wiring iQ Pro+ into their own stacks, resolving integration issues across platforms.
- Act as the technical point of contact between engineering and sales on payment integrations.

Clearwater Consulting

Software Engineer, Contract

Kansas City, MO
2024 - 2025

- Delivered custom web solutions for three clients spanning WordPress, Ruby on Rails, and WooCommerce.
- Built a WordPress and PHP eCommerce platform wired to Epicor ERP for Suburban Lawn & Garden.
- Developed a Ruby on Rails front-end for MemoryBank's blockchain product.
- Shipped a WooCommerce storefront with secure checkout for Fox Lumber Sales.

H&R Block

Software Engineer

Kansas City, MO
2022 - 2024

- Built the front and back end of an enterprise platform connecting customers with tax professionals.
- Developed Angular and TypeScript interfaces against .NET Core REST APIs for full-stack integration.
- Refined Python microservices and introduced standardized unit testing, raising coverage to 97%.
- Managed database schemas and tuned SQL for storage and retrieval.
- Ran red-team security reviews and mentored students at corporate education events.

Generation Esports

Full-Stack Developer

Kansas City, MO
2022

- Built the front and back end of an esports tournament platform with Angular, NestJS, GraphQL, and MongoDB.
- Designed a consolation-bracket system and a Python service that automated match scheduling across tournaments.
- Refactored services for tighter security and faster runtimes.
- Deployed multi-container Docker services on AWS ECS, built CI/CD with AWS CodePipeline, and provisioned infrastructure with Terraform.

SELECTED PROJECTS

Suffr

AI training coach for ultramarathon runners; ingests GPX courses, WHOOP recovery, and race history, then uses the Claude API to generate and adapt periodized plans.

NestJS, PostgreSQL, Astro, React, Claude API

NestMath

nestmath.app

Twenty-one financial calculators, from buy-vs-rent to Social Security timing, running entirely in the browser so inputs stay on-device.

Astro, React, TypeScript

TrailScan

trailscan.vercel.app

GPX run analyzer that renders route maps, elevation profiles, splits, and pace zones fully client-side.

React, Leaflet, Astro

Alexandria

Claude Code skills that document a codebase into an Obsidian knowledge library and flag when the code drifts from the docs.

Python, Claude Code, Obsidian

EDUCATION & CERTIFICATIONS

University of Kansas

Lawrence, KS

Degrees in Computer Science and Communications

University of Arizona

Phoenix, AZ

Full-Stack Web Development Bootcamp

Microsoft Certified: Azure Fundamentals