

Hayden King

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Summary

Full-stack software engineer specializing in Go, Rust, and PHP, with experience spanning cloud infrastructure, backend APIs, and frontend development. Focused on building reliable, well-crafted software across the entire stack.

Experience

Senior Software Engineer / Architect

Sep 2019 – Present

L5E, LLC dba 5

Irving, TX

- Led migration of a legacy PHP energy management platform to the Laravel framework, improving maintainability and enabling structured feature development.
- Established CI/CD pipelines for the Laravel application, automating testing and deployment workflows.
- Expanded platform infrastructure into AWS using serverless and managed services including Python Lambdas, ECS Fargate, S3, and CloudFront.
- Integrated AI-assisted development into day-to-day engineering using Claude Code, OpenAI Codex, and the Anthropic and OpenAI APIs – building agentic workflows, custom tooling, and LLM-backed features to accelerate delivery across the stack.

Software Developer

Sep 2015 – Aug 2019

DXC Technology

Plano, TX

- Maintained and extended a Symfony-based managed security alerts application through corporate transitions from HP to HPE Security to DXC Technology.
- Drove modernization of the platform into AWS serverless architecture using Lambda functions and Elasticsearch for security event processing and search.

Software Developer

Oct 2013 – Jun 2015

Rocky Mountain Publishing, LLC dba HomeCEU

Plano, TX

- Provided support and feature development for a primary LMS application server.
- Worked in a Scrum Agile environment using PHP, MySQL, Bash, and Ruby.

Education

Bachelor of Arts, Computer and Information Sciences

1996 – 2003

Dallas Baptist University

Dallas, TX

General Studies

1995 – 1996

Richland College

Dallas, TX

Skills

Languages: Go, Rust, PHP, Python, TypeScript, SQL, Bash

Frameworks: Laravel, Symfony, Axum, React, Svelte

Cloud & Infra: AWS (Lambda, ECS Fargate, S3, CloudFront), Docker, Ansible, Terraform, Linux

Data: PostgreSQL, MySQL, Redis, Elasticsearch

Tools: Git, GitHub Actions, mise, CI/CD pipelines

AI: Claude (Sonnet, Opus), Claude Code, Anthropic API, OpenAI API, Codex, agentic workflows

Projects

overseer

2026

Open Source

- Zero-dependency Procfile-based process manager with colored output, formation support, and graceful shutdown — a Go clone of Foreman.

homestead

2026

Open Source

- Self-hosted personal dashboard for home lab environments with real-time health checks, service organization, search, and keyboard shortcuts. Built with Go stdlib and vanilla JS.

gridsync

2026

Open Source

- Automated data pipeline ingesting 3–5M ERCOT energy records into PostgreSQL with a fuzzy search API built on Axum, SQLx, and pg_trgm.

tablekit

2026

Open Source

- Framework-agnostic data table library with zero runtime dependencies using a plugin architecture for composable, minimal table functionality.

pizza-party

2026

Open Source

- Provider-agnostic C client library and CLI for pizza delivery APIs, supporting store search, menu retrieval, and order tracking via a virtual table plugin architecture.
- A fun attempt to recreate an application from college.