KELLEN LONG

Software Engineer | Full-Stack & Data Applications

(713) 562-8469 • kellenllong@gmail.com (link) • kellenlong.com • LinkedIn • GitHub

PROFESSIONAL SUMMARY

Software engineer with 3+ years building web applications, API integrations, and data reporting for enterprise users. Builds full-stack apps in React and JavaScript, writes SQL against SQL Server and Snowflake, and takes integrations from client requirements through delivery and support.

CORE SKILLS

- **Full-Stack Web Development**
- **REST API Integration**
- **SQL & Data Modeling**
- **Requirements & Documentation**
- **Production Troubleshooting**
- **AI-Assisted Development**

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL (T-SQL), Java, Ruby, HTML/CSS, C++, C, MIPS & ARM Assembly
Frameworks & Tools: React, Angular, Node.js, Vite, Tailwind CSS, Electron, Git/GitHub, Linux
Data: SQL Server (SSMS), PostgreSQL (Supabase), Snowflake, Power BI (DAX), Excel/Power Query, Jupyter, Splunk
Integration & Cloud: REST APIs, Workato (Ruby SDK), Power Automate, OAuth, Vercel, Cloudflare R2

WORK EXPERIENCE

Software Engineer ▪ **DocJuris** ▪ Houston, TX *2025 to 2026*

Legal AI startup specializing in LLM-powered contract intelligence; approximately 30 engineers serving Fortune 500 legal and procurement organizations.

- Built DocJuris' Workato connector in Ruby (Workato SDK), with ~12 routes on the Rails REST API for enterprise client integrations.
- Delivered a Fortune 500 integration end to end, bridging the client's existing systems to DocJuris with Power Automate and Python.
- Iterated LLM prompt configurations for contract analysis, troubleshot API issues with stakeholders, and rebuilt the API docs.

Advanced Pricing Analytics Engineer ▪ **Caliber Collision** ▪ Lewisville, TX *2023 to 2024*

Auto repair chain (1,800+ locations, $2B+ revenue). Converted from intern to full-time; reported to the VP of Pricing & Strategy.

- Cut a multi-million-row SQL Server query from 2.5 hours to 45 minutes via join optimization and cached tables.
- Built Python visualizations presented to the CEO, COO, and CFO; one became a daily-use tool for a C-suite executive.
- Led development of Python clustering models (K-means/X-means, PCA) whose insights informed the company's 2026 strategy.
- Integrated an external pricing system covering ~$230M in annual revenue; automated a weekly report from 1 hour to 5 minutes.

Software Engineering Intern ▪ **Raytheon Technologies** ▪ Dallas, TX *2022 to 2023*

Global aerospace and defense contractor with $67B+ in annual revenue. Engineering internship within the enterprise systems division.

- Built a Splunk inventory-tracking app with a scanner-driven dashboard (HTML, JavaScript, Splunk queries), replacing a manual workflow.

PROJECT EXPERIENCE

pokeboard.net · *Full-Stack Web App (React, Supabase)* *2025*

Live web platform for a streaming community, built solo in 3 months with AI-assisted development (Claude); in active development.

- Shipped a community leaderboard and shiny-hunting tools, with browser games in development.
- Own the schema, API routes, and releases on React, Vite, Tailwind, Vercel, Supabase PostgreSQL (OAuth), and Cloudflare R2.

Piper · *Self-Hosted AI Assistant (Python, RAG, MCP)* *2026*

Personal AI assistant running on a small home server cluster, designed and built with AI-assisted development (Claude).

- Built RAG memory with hybrid keyword and vector search (SQLite FTS5, sqlite-vec, nomic-embed), exposed to models as an MCP server.
- Built an evaluation harness for the agent router and its approval-gated tool calls, raising routing accuracy from 42% to 95%+ on test cases.

K3LPoke OBS Tools Platform · *Desktop App (Electron, React)* *2025*

Desktop app distributed on GitHub, used by 15-20 streamers for live-stream overlays.

- Built an Electron and React app that turns OBS scene and stream-state events into live browser-source overlays.

EDUCATION

Bachelor of Science, Computer Science *May 2023*

Southern Methodist University ▪ Bobby B. Lyle School of Engineering ▪ Dallas, TX

Coursework: Java and Angular app development, C++ data structures and a two-person search engine (~2 GB indexed), MIPS/ARM assembly.