

## Professional Summary

I am a full-stack engineer with over 7 years of professional experience currently building production systems utilizing LLMs, agent orchestration, web scraping, email sequencing, etc. At Spyglass, I drove a from-scratch product pivot into an AI powered tool for founder-led sales and recruiting. I owned AI features, audio-ML models, orchestration layers, infra, devex, product design, UI/UX, and project management. I have experience building products from zero to one at both Spyglass and Tourial.

## Core Strengths

- AI application engineering (RAG, tool-use, MCP, orchestration, fine-tuning, audio ML, transcription, etc.)
- DevEx & Infra: Nix, CI/CD, monorepos, custom tooling
- Languages: TypeScript, JavaScript, Python, C, SQL
- Tools & Platforms: React, Google Cloud Platform, Hugging Face, GitHub, Node.js

## Experience

### Founding Software Engineer – Spyglass Software

Aug 2023 – Present

- Implemented performance-critical answering-machine detection system (fine-tuned WavLM + SetFit) 95% internal accuracy that's 2x more accurate than Twilio's and 5x faster.
- Built custom RAG pipelines, document processing, and agent orchestration.
- Shipped concurrent VOIP power-dialer with optional AI Voice agent (Twilio + ElevenLabs) and real-time script assistant (Gemini).
- Created audio data labelling pipeline and trained off-shore data labelling team.
- Developed MCP-based Slack bot as a secondary frontend and added MCP support for all user features.
- Built Snowflake data governance platform managing RBAC, access requests, and functional roles for enterprise companies with thousands of users.
- Built product from scratch after pivoting away from data governance platform.

### Senior Software Engineer – Navless.ai (fka Tourial)

Mar 2021 – Aug 2023

- Primary full-stack contributor during growth from \$50k → \$1.7M ARR.
- Turned founder's MVP tour builder into a polished and scalable production app.
- Built Chrome extension tool from zero to one that accelerated tour creation by 10x.
- Designed and built customer-facing analytics/observability system.

### Software Applications Developer – Randstad Technologies US

Oct 2019 – Mar 2021

- Led integrations API team for a global-scale platform serving 2 million users; improved cross-system reliability by diagnosing and fixing data inconsistencies between black-box vendor systems.
- Built mass SMS/email and resume-distribution systems used by several hundred internal recruiters daily.

### Software Engineer – SimpleShowing

Jan 2019 – Oct 2019

- Built SMS-based access workflows (Node.js, Twilio) and maintained MLS ingestion pipelines.
- Improved MLS sync reliability and improved service availability.