

# Nick Hawn

Software Developer & Consultant · Tech Lead

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## EXPERIENCE

### Software Developer & Consultant

03/22–Present

#### Atomic Object

- Build an AI platform where users invoke AI agents from multiple channels, including web, WhatsApp, Telegram, underpinned by an event-driven architecture processing millions of events/day to orchestrate multi-agent workflows in real time.
- Reduced time-to-first-token from 2.5s to 0.9s (64%) in the core AI chat experience through profiling the request pipeline end-to-end, directly improving responsiveness for end users.
- Ship products end-to-end on self-managed, cross-functional teams of 2–10, owning features from ideation through production deployment and iteration.
- Serve as project Tech Lead, owning system architecture and technology stack decisions, mitigating technical risks, and collaborating across disciplines to ship and iterate on the product.
- Mentorship: Mentor junior developers, fostering culture of continuous learning and knowledge sharing through mob / pair programming and candid feedback sessions.
- Inclusion Advocacy: Facilitate collaboration with the leadership team to implement DEI initiatives, ensure diverse perspectives, and promote open communication.

### Software Engineer

05/20–03/22

#### Core BTS

- Ship full-stack web and desktop applications for enterprise clients, owning features across frontend UX and backend services.
- Gather functional and technical requirements alongside product owner to bring clarity to the product and the users' needs.
- Improve long-term reliability of systems through software testing, refactoring design of existing code, and adopting extreme programming methodologies throughout the team.

## EDUCATION

### Bachelor of Science, Computer Science

05/20

#### Purdue University

## PROFILE

I am a generalist Software Developer with over six years of experience in custom software development and consulting. I care deeply about building software that people care about and use every day. I do my best work on autonomous teams where we all own the outcomes together. I lead with curiosity, solving problems across the stack, and taking real ownership of the product.

## Technical

- Python / Django
- LangGraph
- PostgreSQL / MongoDB
- TypeScript / React
- AWS
- Event Driven Architectures

## Scaling an AI Platform

Scaled an AI platform from early research into production; Day 7 retention climbed 10× after embedding with the team. Helped build the platform and agent harness underneath including multi-agent orchestration with LangGraph, an event-driven backbone for agent messaging across web and messaging channels, and the observability that made the system flows debuggable.

Stack: Python, Django, FastAPI, LangGraph, TypeScript, Next.js