

# NICHOLAS HONYAK

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## SUMMARY

Full-Stack Engineer with 5 years of hands-on software engineering experience and a prior background in construction project management. Specializes in building and owning products end-to-end — from database design and cloud infrastructure through interactive front-end experiences. Currently architecting a production e-learning platform serving real users, with full ownership of the TypeScript/React/Node stack, CI/CD pipeline, and AWS deployment.

## TECHNICAL SKILLS

<b>Languages:</b>	TypeScript, JavaScript, HTML/CSS, Java, Python, PHP
<b>Front End:</b>	React, Next.js (SSR/SSG), Vue.js, Tailwind CSS, SVG Animation, Figma
<b>Back End:</b>	Node.js, Express, GraphQL, REST APIs, Meteor.js
<b>Databases:</b>	PostgreSQL, MongoDB, MySQL, Redis
<b>Cloud &amp; DevOps:</b>	AWS (Lambda, RDS, S3, CloudFront, EC2/ECS), Docker, Terraform, Nginx, GitHub Actions CI/CD
<b>Testing &amp; QA:</b>	Jest, Cypress, Comprehensive Code Review
<b>Auth &amp; Security:</b>	RBAC, JWT, OAuth, Session Management
<b>Architecture:</b>	System Design, Database Migrations, SSR/SSG, Microservices, Monorepo Tooling

## EXPERIENCE

<b>Full-Stack Engineer</b> Self-Employed	March 2024 – Present Remote
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- Architected and built a production e-learning platform (LMS) end-to-end using TypeScript, React, Next.js, Node.js, and PostgreSQL, serving active users with a custom CMS admin panel.
- Designed and implemented a fully interactive, animated competency wheel visualization with custom SVG animations, iterating through hundreds of design variations to optimize UX.
- Built a role-based access control (RBAC) system with granular permissions governing content creation, user management, and administrative workflows.
- Developed a comprehensive admin dashboard for content management, user analytics, and platform configuration with real-time data visualization.
- Implemented SSR and SSG rendering strategies in Next.js, optimizing page load performance and SEO across the platform.
- Authored and managed PostgreSQL schema migrations for evolving data models, ensuring zero-downtime deployments across environments.
- Engineered a CI/CD pipeline using GitHub Actions for automated testing, linting, and deployment to AWS infrastructure.
- Conducted feasibility studies and architectural planning for companion product lines, evaluating market fit and technical requirements.

<b>Senior Software Engineer</b> Kyros Digital	Sep 2021 – March 2024 Remote
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*Promoted from Associate Software Engineer (Sep 2021 – Sep 2022)*

- Led development of 6 custom software applications from client discovery through production launch, owning architecture decisions and technology stack selection.
- Maintained and enhanced a real estate transaction tracking and CRM platform serving 300+ active users, delivering features that improved agent workflow efficiency.
- Conducted comprehensive code reviews across teams, establishing quality standards and mentoring junior engineers on best practices.
- Created detailed project timelines and technical specifications for POC and MVP stages, aligning stakeholder expectations with engineering capacity.
- Managed projects through full lifecycle stages (POC, MVP, maintenance), adapting architecture to evolving client requirements.

<b>Project Manager</b> Two River Development	2015 – 2018 Philadelphia, PA
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- Directed on-site coordination of multiple subcontractors across concurrent construction projects, managing budgets, timelines, and compliance documentation.
- Delivered milestones on schedule through strategic phase sequencing and cost-effective resource allocation.

## EDUCATION

<b>Full-Stack Web Development</b> University of Pennsylvania	Philadelphia, PA
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<b>B.S. Chemical Engineering Coursework (90 credits)</b> Drexel University	Philadelphia, PA
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