

# Dylan Boudro

starmorph.com  
github.com/starmorph  
youtube.com/@starmorph

dylan@starmorph.com  
617-686-4152

## Summary

Senior Full Stack Engineer & AI Lead specializing in LLM integration and modern TypeScript/React architectures. Led development of AI-powered applications processing millions of requests. Built and scaled technical YouTube channel to 1M+ views showcasing AI/TypeScript expertise. 10+ years of experience spanning startups to Fortune 500 companies, with proven track record of technical leadership and product delivery.

## FortyTwo - Full Stack Engineer, AI Lead 2024

- Architected and deployed production LLM integration pipeline handling using TypeScript/NextJS
- Led company's core AI initiative, implementing streaming responses, vector databases, and dynamic agents
- Built type-safe, real-time AI interfaces integrating authentication, PostgreSQL, and modern React patterns.

## Starmorph AI - CEO, Full Stack Engineer 2023

- Founded and scaled AI development agency to 50+ successful web application deployments
- Built technical audience of 10,000+ followers and 1M+ views through AI/TypeScript educational content
- Delivered custom LLM integrations for enterprise clients using Next.js, TypeScript, and vector databases
- Led multiple engineering teams in parallel, using an AI typesafe rapid development framework

## Element Finance 2022

- Designed and implemented complex DeFi interfaces for loan markets
- Designed stateful React components optimizing for both UX and transaction security
- Created comprehensive user experience flows for high fidelity product suite mockups

## GradGuard - Director of Digital Strategy, Front-end Developer, Designer 2019 - 2021

- Pioneered an initiative to refactor our entire company tech infrastructure.
- Designed multiple web-applications and Developed front-end code using vue.js, chart.js, node.js, Laravel.
- Managed our Facebook ads campaign and Analytics.

## Apple Software Engineering Intern

Researched, designed, and developed multiple versions of a customizable data-visualization focused web application.

## EDUCATION

Northeastern University Graphic Design BFA 2016

Design: Info Design 2, Branding & Identity, Typography 2

Computer Science: Algorithms, Object Oriented Design

## SKILLS

### AI/LLM Technologies:

Multi-Provider LLM Integration (OpenAI, Anthropic, Google) with Vercel AI SDK  
Vector Databases, RAG Patterns, and ML Pipelines

### Backend & Infrastructure:

Type-Safe Database Architecture with Drizzle ORM and Serverless Deployment (Vercel, Render)  
Automated Testing and CI/CD Pipeline Implementation

### Frontend Development:

Next.js 14 with TypeScript, React Server Components, and Full-Stack Type Safety (tRPC, Zod)  
Modern Real Time Auth with Supabase/Clerk

### UI/UX & Visualization:

Component Systems with ShadcnUI/Radix TailwindCSS  
Data Visualization, Information Design, D3.js, Victory, etc.  
Figma, Sketch, Indesign, Adobe Suite, Product Design