David Skrenta

Full-Stack Engineer • AI/LLM Systems • Former CTO, YC-Backed Startup

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EXPERIENCE

InspectMind AI — *Founding Engineer*

2024 - 2025

- Onboarded 20+ enterprise clients with custom inspection and reporting configurations.
- Built a self-serve DOCX templating engine using agentic LLMs to auto-configure the platform from existing reports, reducing onboarding time by 80%.
- Developed Procore and Smartsheet integration APIs enabling real-time field-data sync.
- Created an AI compliance agent that detects inconsistencies across specs, drawings, reports, and ADA/IBC building codes.
- Implemented a comprehensive CI test suite to increase reliability and cut regression incidents.

Ready.net (YC S20) — *Chief Technology Officer*

2020 - 2024

- Architected and delivered the initial backend, frontend, and data stack powering multiple state broadband programs.
- Scaled engineering from 1 → 30, designing hiring pipelines and a new candidate-assessment system.
- Formalized engineering processes for code quality, CI/CD, observability, project management, and cross-team communication.
- Led SOC 2 compliance across the company, including audits and infrastructure policies.
- Worked with customers, partners, and state agencies to guide product and technical strategy.
- Supported 20+ U.S. states in administering BEAD broadband funding via the platform.

Appearix — *Founder*

2018 - 2020

- Built cloud infrastructure on AWS, including deployment pipelines, monitoring, and security.
- Developed GraphQL Node.js APIs and backend services for event creation, discovery, and sharing.
- Implemented Elasticsearch for fast, scalable search and filtering.
- Built web crawlers aggregating events from major public sources, expanding content 10×.
- Created a custom SES-based email marketing system for automated growth and engagement.
- Contributed to the React frontend with new features and UI enhancements.

Presearch — *Lead Engineer*

2017 - 2019

- Built a WebSocket search API for streaming multimodal results and organic autocomplete.
- Designed a community-driven instant-info module system (hundreds of modules, 30+ contributors).
- Improved search relevance, latency, and backend performance.

SKILLS

Languages: JS/TS, Python, PHP, C/C++, Java, Scala, R, Perl

Backend/Frontend: Node.js, React/React Native, GraphQL, WebRTC

AI/ML: LLMs, PyTorch, Pandas, Sklearn, Agent workflows

DevOps/Infra: AWS, GCP, Azure, Docker, CI/CD

Databases: Postgres, MySQL, Redis, MongoDB, Elasticsearch, DynamoDB

PROJECTS

Greenline Trading: Create, test, optimize, deploy trading strategies with AI

Code Accelerator: AI software creation engine with development, deployment, and sharing features.

WebRTC Mesh: P2P, end-to-end encrypted video conferencing composable template.

SafeRoute: Application for choosing the safest travel route in new cities or when walking alone.

EDUCATION

University of Colorado Boulder — *BA, Computer Science*

2017 - 2020

Additional experience on LinkedIn