

KEVIN RAJAN

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Development Platforms

DevOps:

AWS • Terraform • Jenkins • Azure

Languages:

Python • C++ • C • Java • Haskell

AI & LLMs:

claude-code • codex • gemini-cli • cursor • MCP Servers
Context Engineering • SPARC • superclaude • ccpm
claude flow

Design:

Photoshop • Figma • GIMP • Sketch • Zeplin

iOS:

Xcode • Swift • jazzy-docs • cocoapods

Web:

HTML • CSS • JavaScript • WebGL

3D:

Maya • Unity • Blender • AfterEffects • Inventor
Unreal Engine

Data Analytics:

pandas • Tableau • Cognos • PowerBI

Education



Bachelor of Science in Engineering Physics, Minor in
Computer Science, Graduated May 2020

Projects & Organizations

Evolve (Claude Code Framework)

- Research and implement a spec-driven, dynamic framework that extends claude-code to methodically automate product development by integrating continuous deep research with skill development and curriculum discovery (inspired by papers like Voyager, Eureka, Alpha Evolve, SPARC).
- Mitigate hallucinations by guiding code generation with existing software frameworks (AGILE, CI/CD), exhaustively researching SOTA practices, extending capability by integrating with extensions (superclaude, claude flow, ccpm, MCPs), and parallelizing tasks by orchestrating multi-agent systems across separate workspaces (using gitworktree) for each feature.

HackIllinois (be.net/kevinrajan)

- Developed an iOS application that allows ~15k people (hackers, mentors, recruiters) to have seamless experience during the 36-hr student-run hackathon allowing them to check into events, checkout hardware, and get food. Raised \$300k+ from event sponsors for operational costs & prizes.
- Started a pilot program that expanded over several years to become the main attraction for the open source community (& leading technology firms). Invited 40 renowned mentors (strong, active contributors) to guide hackers in enhancing existing projects or pioneering new ones.

Professional Experience

zero, LLC

Founder & CEO

Remote

Jun 2024 - Present

- Build continuous research systems to synthesize population-level trends to formulate preventative health solutions.
- Conduct technical research to automate software processes while networking with software clients, enabling strategic alignment during discovery to identify pain points and create AI workflows to be included in a statement of work. Prototype OS-level automation for end-to-end product management, enabling LLMs to use internal, application-level APIs, resulting in complex workflows spanning multiple platforms/applications.
- Design intricate digital twin simulations to prototype AI factories and industrialize entire feedback loops to implement systems-thinking. Implemented efficient, reproducible development environments (nixos, ubuntu, arch, k8s) for on-prem compute by researching best practices, resulting in a reduction of operating costs by 50%.

Outlier scale

LLM Training Specialist

Remote

Jan 2025 - Present

- Designed and applied detailed rubrics for LLM evaluation, writing complex logic, math, and physics prompts to elicit reasoning failures and guide model improvement through process-supervision feedback. Performed red-teaming and fact-checking across STEM and general-knowledge domains, verifying claims with web sources and explaining weaknesses in model reasoning to refine future outputs.
- Conducted large-scale preference labeling and comparative ranking of multiple LLMs (RLHF, DPO, RLAIF) while drafting critiques that articulated why certain completions failed rubric standards. Developed multimodal and tool-use evaluations integrating text, image, and retrieval tasks to measure grounding, reliability, and reasoning depth across diverse model architectures.

Sabbatical

Ultralearning

Naperville, IL

Jul 2023 - Jun 2024

- Engineered a holistic performance optimization system to enhance cognitive and motor skills, applying an algorithmic feedback loop (Research → Implement → Analyze → Iterate) to systematically correlate and refine inputs, including sleep, nutrition, and specialized training protocols.
- Executed a long-term data-driven analysis project to benchmark and optimize rapid skill acquisition; successfully reverse-engineered complex, dynamic systems to identify and eliminate bottlenecks, culminating in validated performance metrics within the top 1-5% of a 25M+ user environment (Kovaaks, Valorant, Apex).

slalom

Senior Consultant (Technology Enablement)

Chicago, IL

Jun 2021 - Jul 2023

- Collaborated within a multi-disciplinary team to enhance client (4B+ revenue finance firm) engagement while modernizing technology systems across 12 teams and verticals. Mitigated obstacles for business unit teams using enhanced software processes and workflows, promoting Agile/DevOps/CICD concepts by utilizing AWS, Jenkins, Terraform and Vault. Improved developer impact by creating tailored pipelines that publish biweekly golden Windows and RHEL releases, ultimately ensuring security standards within custom AMLs.
- Spearheaded the creation of a centralized knowledge base, curating exemplary business documents like SPROs, customer stories, qualifiers, and evaluations across technological and business administrative platforms to enhance company-wide accessibility post-sanitization and lay the groundwork for AI-driven content generation.
- Championed a comprehensive DevOps training program tailored for over 500 new hires, ensuring a smooth transition into the company's technology ecosystem. Designed an engaging onboarding session anchored around point poker, fostering collaboration and hands-on learning. Orchestrated multi-cloud environments to provide an interactive, holistic, real-world experience of the best practices we use with our clients.
- Steered the conceptualization of a preventative health platform acting as product owner. Orchestrated the amalgamation of diverse health data sources, from wearables to full metabolic/blood panels. Initiated outreach to several health tech leaders and experts to gather insights, shaping preliminary ideas for platform features. Prioritized areas of focus by aligning the platform with cutting-edge health research and its potential for predictive analysis and enhanced patient outcomes.

Prior Experiences (Jan 2016 - May 2019)



Software Engineer



aws Developer



Technology Enterprise Architect



UI/UX, iOS



Business Intelligence, Data Science

ByteBros.

Freelance Consultant, Product Owner