

Killian Louis Grant

[linkedin.com/in/killianlgrant](https://www.linkedin.com/in/killianlgrant) | killian@killiangrant.com | github.com/nailliK | [+1 \(720\) 231-9248](tel:+17202319248)

Software Engineer, Technical Strategist, Mentor

I am a highly motivated and results-oriented contributor and leader with over two decades of experience in software engineering and technical leadership. I have a proven ability to deliver innovative solutions, build and mentor high-performing teams, and drive operational excellence. I am skilled in fostering collaboration, streamlining processes, and exceeding client expectations.

Skills

Hard

- **Generative AI / LLM:** Sentiment analysis, categorization, and summarization training; Integration and connectivity; prompt engineering
- **Front-End:** TypeScript, JavaScript; Vue, Vuex, Pinia; React, Redux; Svelte
- **Back-End:** Node, Nest.js, Next.js, Nuxt.js Java, Spring Boot; PHP, Symfony, Laravel
- **Database:** SQL, PostgreSQL, MariaDB, and MySQL; NoSQL, MongoDB and CouchDB
- **Ops:** Containerization, Docker; AWS, Google Cloud; CircleCI, Jenkins, Fastlane, GitHub Actions
- **Platform:** RESTful APIs, GraphQL, Microservices, 3rd-party integrations

Soft

- **Training & Mentorship:** Mentoring professionals at various levels; cultivating continuous learning environments
- **Leadership:** Leading multidisciplinary teams, aligning technical and business goals with executive collaboration
- **Operational & Process Refinement:** Driving operational improvements, enhancing efficiency and performance
- **Client & Stakeholder Collaboration:** Engaging clients and stakeholders with tailored solutions and clear communication
- **Technical Consulting:** Offering comprehensive technical advice to enhance client understanding and project outcomes
- **Scoping & Architecture:** Defining project parameters and goals, aligning with client objectives and technical requirements

Experience

TheKey

Staff Engineer

Dec 2023 - Sep 2024

- Trained Generative AI LLM models to automate shift note summarization, quality-of-care sentiment analysis, and various operational tasks.
- Developed and enhanced features across TheKey's mobile applications and back-end platform, improving the user experience for caregivers, families, and healthcare integrations.
- Collaborated with the Head of Product and Product Owners to ideate and architect features, delivering essential tools for family members to monitor care and for caregivers to manage shifts and client information.
- Supported integrating third-party healthcare tools within TheKey's platform, ensuring seamless data transactions across applications.

Codelab303

Senior Technical Lead

Mar 2023 - Sep 2023

- Led the architecture and development of a wine subscription service for a national restaurant chain. Successfully migrated the platform from WordPress/WooCommerce to a more flexible, service-based solution, improving subscription management and payment options.
- Spearheaded the development of a fitness and wellness mobile application for pregnant women, implementing data tracking for dietary intake, physical activity, and complications, enabling enhanced preventative care and doctor-patient data sharing.
- Facilitated client and third-party engagements, ensuring seamless communication and alignment throughout product development and delivery.
- Managed cross-functional engineering teams, driving the delivery of high-quality software solutions for diverse industry clients.

Kin+Carta

Principal Architect

Dec 2021 - Mar 2023

- Architected and developed a bulk purchasing platform for a global agriscience organization, streamlining distributor access to crop protection products while enhancing client and multi-location shipping management.

- Engineered a recommendation engine for a global furniture and home goods company. Improved user experience by providing personalized suggestions based on trends, search history, and product reviews.
- Collaborated with leadership on strategic roadmap planning, mentorship programs, and establishing best practices across engineering teams to ensure product scalability and performance.
- Applied advanced problem-solving techniques to overcome technical challenges, driving process improvements and optimizing application workflows.

InteliVideo

Senior Front-End Technical Lead

Jul 2020 - Dec 2021

- Spearheaded the modernization of a video-on-demand platform, transforming legacy front-end systems into scalable, high-performance user interfaces tailored for the health and wellness industry.
- Overhauled the subscriber experience by implementing modern front-end components, reducing load times, and enhancing accessibility across devices.
- Standardized front-end best practices, mentoring the team and enforcing code quality measures that reduced technical debt and improved long-term maintainability.
- Collaborated with backend teams to ensure seamless integration, improving platform stability and user experience for live and on-demand content streaming.

Techtonic

Director of Apprenticeship Instruction and Development

Jan 2020 - Jul 2020

- Designed and revamped the academy's 12-week BootCamp programs, aligning courses in Java (Spring framework) and TypeScript (Vue.js) with clients' current and future needs in the apprenticeship program.
- Anticipated market trends and adjusted BootCamp content to ensure apprentices were prepared with relevant full-stack development skills for real-world client projects.
- Acquired leadership of the engineering department within the apprenticeship program, overseeing apprentices' professional development and mentorship.
- Led the transition from BootCamp cohorts to apprenticeships, ensuring graduates gained hands-on experience by working on client projects within the agency.

Fruition

Director of Engineering

Jul 2018 - Jan 2020

- Acquired and managed cross-functional teams, including Product Management, Design, Service and Support, QA, and Engineering, improving collaboration and project delivery.
- Led process improvements by optimizing workflows, streamlining QA processes, and developing a reusable front-end framework that accelerated the production of content and marketing websites.
- Designed and developed a customer engagement platform for medical and dental offices—the product leveraged machine learning to track client journeys from website visits to consecutive appointments. Data was used for targeted marketing and tailored appointment reminders.
- Collaborated with sales teams to refine project scoping and provided solutions architecture, ensuring technical strategies aligned with client requirements and business objectives.

Monigle

Technical Director

Jul 2017 - Sep 2018

- Managed Engineering, QA, and Ops departments, fostering a culture of learning, collaboration, and professional development across teams.
- Implemented coding standards and optimized operational processes, improving development quality and efficiency.
- Directed the modernization and re-platforming of BEAM (Branding, Engagement, and Asset Management), transitioning a legacy product into a scalable, service-based platform that enhanced user experience and improved client service. BEAM enabled global corporations to manage branding assets and provided content management tools for brand guidance and usage examples.

Mondo robot

Technical Director (Contract)

Feb 2017 - May 2017

- Orchestrated client engagements, overseeing project scoping and ensuring alignment with client needs for successful project delivery.
- Directed Engineering, QA, and Ops departments, setting and achieving performance goals while transitioning operational processes into the Agile/Scrum framework.

- Led the development of a customizable survey engine for the Michael J. Fox Foundation. Collaborated with scientists and doctors to track participant symptoms, disease progression, and treatment of Parkinson's Disease. The data was shared for analysis by medical professionals and scientists.

Spire Digital

Director of Engineering

Oct 2013 - Feb 2017

- Established and scaled the engineering department from 5 to 50 members, leading the hiring, training, and development of Engineering, QA, and Ops teams.
- Upskilled key team members into leadership roles, developing new leads and managers across multiple departments to support company growth.
- Partnered with the Vice President of Product to implement a Lean/Agile methodology, reducing defects, increasing efficiency, and improving overall development quality.
- Introduced and enforced coding standards and best practices, improving software quality and team productivity, contributing to the company's ability to meet aggressive delivery timelines and project goals.

Education

Red Rocks Community College

Associates of Arts

Jan 2000 - Jan 2002

Visual Communication