

KILLIAN LOUIS GRANT

TECHNICAL DIRECTOR / DEVELOPER / DAD

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EXPERIENCE

Fruition

Director of Engineering, 2018 - 2020

- Responsible for leading and coaching the Engineering, Design, Quality Assurance, DevOps and Project Management teams. Incorporated all teams into one cross-functional team Delivery Team. Responsible for their allocations and utilization, professional growth, setting measurable goals and ensuring that they're met
- Implemented a training and coaching/mentoring program to accelerate internal team growth. Promoted Project Managers, Designers, and Developers to practice-lead positions. Worked with leads to create, document and implement standards and best practices within their areas of expertise
- Provided architectural support and personnel management to offshore teams across India and Brazil. Responsible for ensuring offshore projects were of quality, maintainable, on-time, and under budget
- Transitioned quality assurance processes from off-site contractors to in-house full-time employees. Integrated and implemented the new process into the existing Agile/Scrum engineering process
- Collaborated with Business Development and Technical Solutions Architecture teams to improve project scoping processes, gathering requirements, and writing statements of work

Monigle Associates

Technical Director, 2017 - 2018

- In charge of managing the entire Engineering, Quality Assurance, and SysOps departments. Responsible for establishing appropriate growth and productivity requirements to meet operational and strategic company goals. Provided training and professional growth plans for all direct reports
- Collaborated with executive leadership, lead engineers, and project managers to audit and improve our development process; focused on improving quality, increasing productivity, and reducing waste

- Served as technical liaison and consultant for all sales engagements; served as main technical point-of-contact for all clients
- Implemented coding standards, best practices, and peer code-reviews. Created git-hooks for linting and formatting to keep code consistent and improve legibility and ease of maintenance
- Worked as Principal Architect and Engineer to rebuild BEAM (Branding Engagement and Asset Management) Platform as a service-based product

Spire Digital

Director of Engineering, 2013 - 2017

- In charge of hiring, managing, and facilitating the personal and professional growth of the Engineering, Quality Assurance, and SysOps departments. Responsible for ensuring their productivity and utilization are in-line with company profits, margins and growth plan
- Collaborated with V.P. of Product to create and execute a proprietary Lean software development process and methodology, focused on speed and quality. After total adoption, we decreased our defect rates to < 5% and increased feature/task cycle-times by 33%
- Responsible for creating, updating, and implementing coding standards and best practices. Organized Tech-Lead roles per project to enforce standards and best practices and ensure that each feature and user-story is well-written and in-line with project roadmap

Fireant Studio

Senior Lead Engineer, 2011 - 2013

- In charge of leading and managing a team of 5 developers and designers, performed code-reviews, and facilitated collaboration between front-end engineers and designers
- Interfaced directly with clients; provided estimates, scoping documentation, solutions architecture, and project negotiation
- Implemented and executed mobile-first design and development strategies. Created training resources for sales and designers to better understand their implementation and value to users

EDUCATION

Metropolitan State University

BA, Visual Communications, 2004

COMPETENCIES

Operations

Leadership

- Process Improvement
- Offshore Team Management
- Project Management
- Team growth and mentorship

Engineering Methodologies

- RESTful API development and integration
- Service Oriented Architecture
- 12-Factor App Principals

Agile

- Lean / TPS / XP
- Scrum (Certified Scrum Master)
- Kanban

Back-End

Database Architecture

- SQL (MySQL / Postgres)
- NoSQL (MongoDB)
- Entity/Relationship Diagram design

PHP

- MVC (Symfony / Laravel / Slim)
- Composer packages and Packagist registration

NodeJS

- MVC (Express / Connect-based architecture)
- Websockets (Socket.io)

Front-End

Javascript

- Vanilla (ES5 or ES6)
- MV* (Vue + Vuex / React + Redux)
- Graphics (Three.js / D3 / Raphael)

CSS

- SCSS
- Modular Design patterns
- Atomic / SMACSS / BEM