

Capability Statement

Who is Campfire Studios?

A company is just a name, without the added context of where they've been, what they've done, and what they excel at. So, what is that context for Campfire Studios?

Campfire Studios is a software development company founded in 2012 by Kyle Richter, as a product-based company aiming to deliver an online platform for book authors which would allow them to break into the market with a market which was ready for them. After being stonewalled and angled out by the publishing industry, Kyle realized that he could use Campfire Studios' development process to help other companies, instead of just sling-shotting his internal teams to rapidly engineer and deliver products to market.

The company headquarters are located in Fenton, Missouri. While Campfire has traditionally focused on gaming solutions, with over 8 years of experience in web and service development for our clients, Campfire Studios truly is a full-service software development organization.

Because of its wide-ranging experience across many disciplines, Campfire Studios has been able to establish itself as a development company who produces quality software the right way.

Campfire Studios has a people-focused culture. The name "Campfire" itself instills the idea of friendship, conversation, and collaboration. This has always been the focus of the company. We target productivity and quality, but our number one focus is individual growth and collaboration amongst everyone. Engineers who have a voice are typically more passionate, and therefore produce better products. In addition, we've found that we produce better quality products when we are actively collaborating with our clients. Through our transparent agile process, we keep clients engaged and keep an active feedback loop through all phases of development.

Recently, Campfire has been focused on the local startup community, helping to develop St. Louis into the technology hub that it has the potential to be. Whether that's by judging local hackathons, taking part in local entrepreneur meetups, presenting at conventions, or supplementing development efforts, Campfire Studios has aimed to do what it can to facilitate local growth.

Software Engineering

Campfire Studios are experts at producing custom software solutions and commercial, off-the-shelf (COTS) products. We design, develop, and deploy software solutions based on a client's specific requirements.

Software applications are great in that if it can be imagined, there is a way to make it a reality. We refuse to tell our clients that something can not be done. It may cost more, or take more time, but there is always a solution which leads to what our client is aiming for.

We create solutions our clients can be proud of, easily maintain, and will encourage them to come back time and again. It does not matter how big or small the project is.

Game Development

Campfire Studios is unique in that it also provides video game development services. Our teams have extensive experience with all of the major game engines, and have even implemented basic engine solutions for clients on occasion!

In addition, we also help companies who are struggling to meet the project goals they have by supplementing their efforts with 3D modeling, rigging, animating, concept design, illustrations, and Game-centric logo design.

Capabilities

- 🔥 Software Design and Development
- 🔥 Web Application Design and Development
- 🔥 Service-oriented Architecture
- 🔥 Distributed System Architecture and implementation
- 🔥 Containerized Application development
- 🔥 Cloud Platform conversion and integration
- 🔥 Custom protocol server implementations (HTTP, UDP, ARQ)
- 🔥 REST (or microservice) integrations and implementations
- 🔥 Database Conversions
- 🔥 Website Design and Development.
- 🔥 Object-Oriented Programming training
- 🔥 Functional Programming training
- 🔥 Hosting and Managed Services
- 🔥 Agile Methodology training
- 🔥 Rapid prototyping for market experimentation.
- 🔥 Native mobile applications
- 🔥 3D Modeling/Rigging/Animating
- 🔥 Concept Art Design
- 🔥 Cinematic production
- 🔥 Game Engine/System development
- 🔥 Blockchain development

With over a decade of game development experience in disciplines such as modular gameplay systems, networking solutions, and UI design, Campfire Studios is well positioned to get clients from concept to market saturation.

We have recently even had quite a lot of experience developing cinematics for our customers, helping to put some story and context behind their marketing campaigns, in addition to providing a more immersive spin on their interactive applications.

Campfire Studios practices agile methodologies in our work. We utilize Scrum, Test-Driven Development, Rapid Prototyping, and several pieces of automation to guarantee that the client is getting a solid piece of software from us, with the transparency to see our progression.

The gaming industry has largely fallen behind on technology when it comes to multiplayer server functionality. As such, Campfire has developed a back-end multiplayer system utilizing the latest in networking technology to replicate multiplayer activity. This product suite is called Ignition Engine. It is available for any of our clients upon request.

The Campfire Studios teams truly excels at developing interactive applications that your customers will love!

Design

Campfire Studios aims to employ the skills of creative people in *all* disciplines, and we pride ourselves on our ability to create solutions which are unique and innovative.

When it comes to design, we take a very cerebral look at all the aspects involved. All our designers (and engineers, actually!) are encouraged to take training on design fundamentals and how they

Technologies

- 🔥 .NET, Java, Golang, Ruby, Python, PHP, C/C++
- 🔥 Apache, NginX, IIS, Tomcat, Glassfish
- 🔥 Angular, ReactJS, React Native, Polymer, Ember, Flutter, Typescript, Javascript, HTML, CSS
- 🔥 CMS systems:
 - 🔥 Microsoft CRM
 - 🔥 Wordpress
 - 🔥 Drupal
- 🔥 MSSQL, MySQL, Oracle, Postgres, MongoDB, Cassandra, Redis, Gemfire
- 🔥 Messaging:
 - 🔥 RabbitMQ
 - 🔥 Kafka
 - 🔥 ActiveMQ
 - 🔥 Kestrel
- 🔥 Service Discovery (Eureka, Zookeeper, Consul), API Gateway (Spring Cloud Gateway, AWS API Gateway, Apigee), Circuit breaking and Load-balancing (Ribbon, Hystrix)
- 🔥 Cloud development and deployment:
 - 🔥 AWS
 - 🔥 Google Cloud
 - 🔥 Pivotal Cloud Foundry
 - 🔥 With Kubernetes integrations, as well!
- 🔥 Build and packaging technologies:
 - 🔥 Maven
 - 🔥 Gradle
 - 🔥 Nuget
 - 🔥 Golang modules
 - 🔥 Gems
 - 🔥 CMake and Premake
 - 🔥 NPM, Bower, and Yarn

correspond to the human mind. Whether it is through color, shape, or layout, we aim to make sure that users of our clients' products can align at a subconscious level with what is being presented to them.

Marketing (SEO)

Marketing is the lifeblood of any company's success. Today, a good web presence is crucial to the success of any company, at any scale. In addition, Campfire Studios has realized that every industry provides its own set of challenges in terms of how to attack the market most effectively.

Campfire Studios spends ample time learning the client's products and target market, in order to create a marketing plan that is singularly focused on giving our clients the best chance of converting page visits into quantifiable leads.

Additionally, Search Engine Optimization is much more than just defining keywords in meta tags. Search engines have evolved from their rules when Google originally launched, and now the things which need to be targeted are complex and change depending on how a client's market typically will find them.

This being the case, Campfire Studios uses its research phase to understand our clients and create a plan which aligns to the needs of them and their customers. This could mean focusing on Google Business records, appropriate keywords, active content, link-backs from high-value content platforms, and many other things on our way to making the client appear as high as possible in popular search engines.

- 🔥 GraphQL integrations and implementations
- 🔥 Atlassian product integration
- 🔥 Modeling:
 - 🔥 Blender
 - 🔥 ZBrush
 - 🔥 Substance Painter,
 - 🔥 Maya
 - 🔥 Marmoset
- 🔥 Adobe AfterEffects, Cinema4D
- 🔥 Photoshop, Clip Studio Paint, Illustrator
- 🔥 Unreal Engine (3 and 4)
- 🔥 Unity
- 🔥 Cocos2D

Clients

At this point, Campfire Studios has worked with over 250 clients across innumerable industries, some of whom include:

- 🔥 Greater than Games
- 🔥 Six3Six Studios
- 🔥 Meridian Enterprises
- 🔥 Magellan Health Services
- 🔥 Monsanto
- 🔥 Wells Fargo Bank
- 🔥 Wells Fargo Advisors
- 🔥 Object Computing, Inc.
- 🔥 Mastercard
- 🔥 Maritz
- 🔥 IVHouse
- 🔥 DeltaV Solutions
- 🔥 YTAdvisors
- 🔥 TEKSystems
- 🔥 Adaptive Solutions Group
- 🔥 Adjudica
- 🔥 Lockerdome
- 🔥 Pushup Social
- 🔥 RoyalCanin