

PROJECT SPECS

PROJECT TYPE: Custom Software

TECHNOLOGIES:

Frontend: HTML, CSS, JS & JQUERY

Back end: C# , SQL SERVER

Framework: .NET, MVC, Entity Framework, Code First Approach

Database: SQL SERVER

Version Control System: Github

Hosting: AWS

Defect Management: Teamwork

Team Collaboration: Slack

SERVICES PROVIDED: Business Analysis, Project Management, Application Design, Software Development, Quality Assurance

TEAM:

Backend Developers,
Frontend Developer,
Designer,
QA Engineers,
Project Manager/ Business Analyst

Duration: 3 months

TESTIMONIAL

"Riverstone is a professional business partner of exceptional quality. They provided several talents over the course of a few years and each one of them were a great fit for our needs. I would look to Riverstone to raise the bar in any QA organization, no matter how big or small."



Muthu Arumugam,
VP of Engineering
Cambridge Blockchain

U.S. Office:
5890 Stoneridge Dr. #209
Pleasanton, CA, 94588
1 - 925 -218 -0669

www.riverstonetech.com

Software@riverstonetech.com

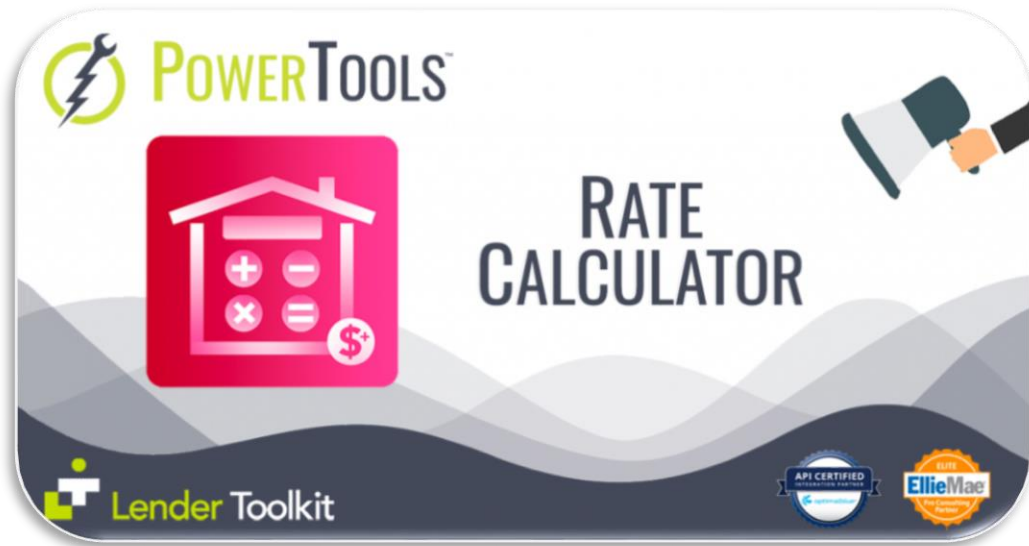
Real Time Mortgage Rate Engine

API Integrated Mortgage Tool

Client: Lender Toolkit (LTK)

Industry: Mortgage Lending

Website: <https://www.lendertoolkit.com/>



Lender Toolkit has the mortgage expertise and technology solutions to truly deliver the experiences that customers, partners, and employees desire.

BUSINESS CHALLENGE

- LTK was looking for ways to fetch real time loan offers from different lenders and to make it available to user, based on property type, location, credit score, appraisals
- Searching for, consolidating and presenting loan eligibility and rates to consumers is time-consuming, complex & prone to human error

OBJECTIVE

To build a highly responsive tool for borrowers to calculate & determine their mortgage loans with ease and to help them make an informed decision on the basis of a few basic details

KEY ACHIEVEMENTS

- Rate Calculator tool for mortgage loan product consolidation
- Delivered a mortgage application from scratch in ~7 sprints
- Lender management & site integration
- Mortgage loan product provider API integration
- Highly responsive application (with page load time ~2 seconds)

SOLUTION

- Riverstone team has built a Loan Rate Calculator, using a service-oriented architecture allowing lenders (third party companies)
- The tool performs complex rate calculations for various rates & fees and sources information from other loan product information providers such as Optimum Blue
- It supports multi-tenancy by allowing various vendors to create or source their loan products for their own customers
- Lenders can integrate/embed the tool in their loan application websites
- Ability to integrate with third-party API to get the loan programs

DISTINCTIVE FEATURES

- Automated loan application creation
- Real-time integration of Programs and Rates
- Adjustable Rate Mortgage (ARM)
- Mortgage worksheet
- Subscription model
- Credit score vs. Mortgage interest rate
- Fixed & adjustable mortgage type
- "Cash Out" refinance options
- Loan offer tracker
- Product forecasts
- Rate lock

RESULTS

Now, borrowers can find mortgage loans rates from several vendors real time to allow them to compare and buy mortgage loans according to their individual needs by the click of a button.