Stripe Fundamentals with ASP.NET MVC

Getting Started

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Accepting Payments Online

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Stripe Development

JavaScript Library

```
Stripe.card.createToken({
  number: $('.card-number').val(),
  cvc: $('.card-cvc').val(),
  exp_month: $('.card-expiry-month').
  exp_year: $('.card-expiry-year').va
}, stripeResponseHandler);
```

RESTful API

Definition

```
POST https://api.stripe.com/v1/charges
```

Example Request

```
curl https://api.stripe.com/v1/charges \
   -u sk_test_9CoPo7vZlrhJfm6TxwMHh2Kt: \
   -d amount=400 \
   -d currency=usd \
   -d source=tok_16P1kEH43DaSy8sYyeuvqBI5 \
   -d description="Charge for test@example.com"
```

Example Response

```
{
  "id": "ch_16P1kEH43DaSy8sYHdg6aLPV",
  "object": "charge",
  "created": 1437012306,
  "livemode": false,
  "paid": true,
  "status": "succeeded",
  "amount": 100,
  "currency": "usd",
```

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PCI Compliance

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Stripe Setup

Create Stripe account

Add API keys to config file

Add script tags for JS Libraries

Reference Stripe.NET assembly

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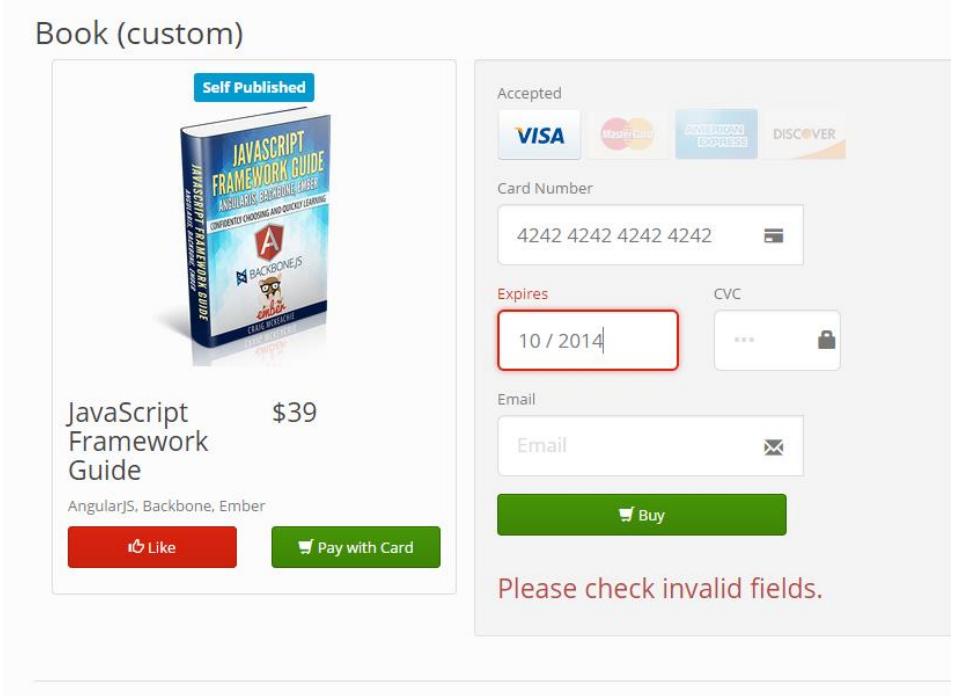
Sample Application

E-Book Sales Page



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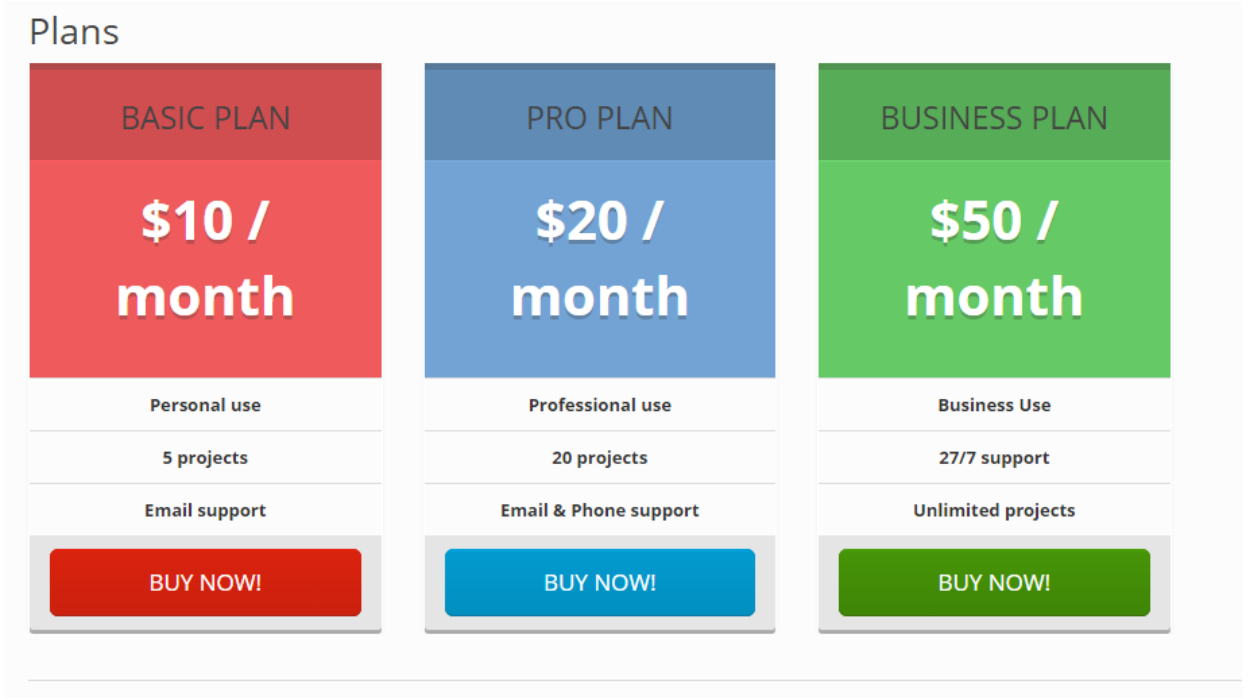
Sample Application

SAAS Plans/Sign-up



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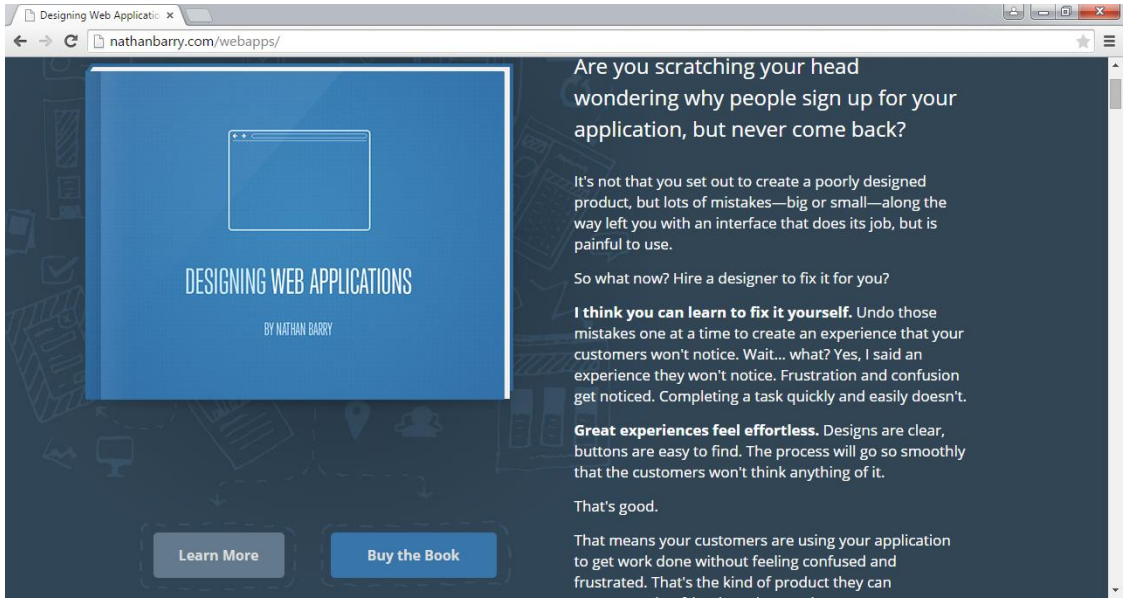
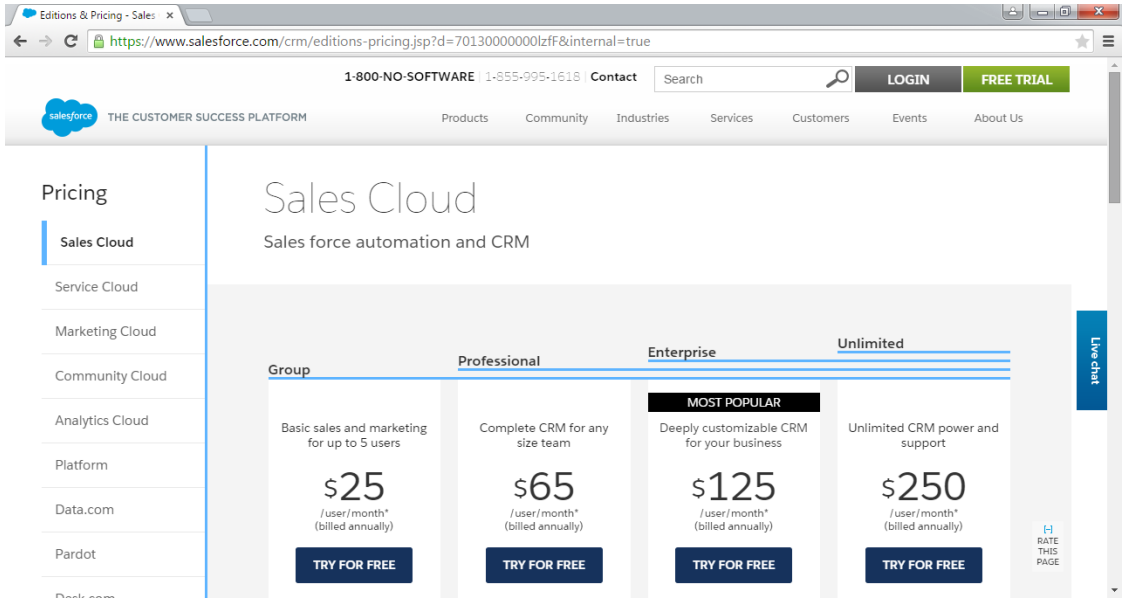
New Product





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Accepting Payments Online

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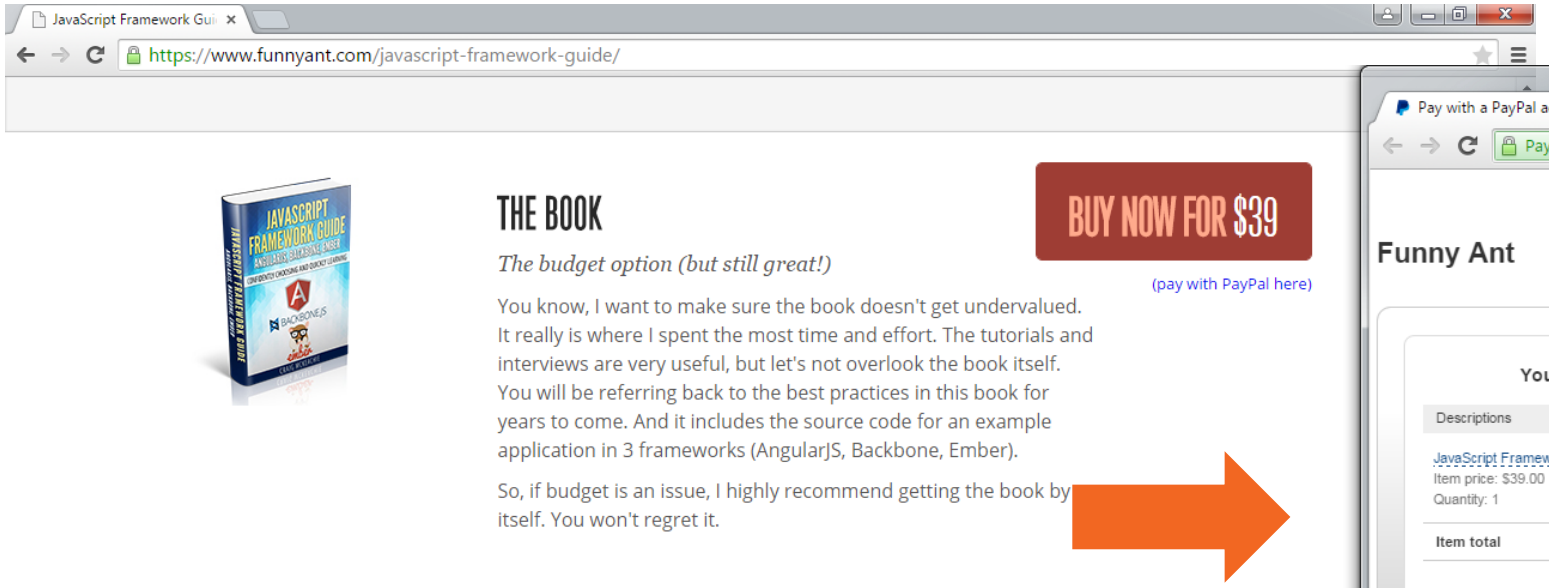
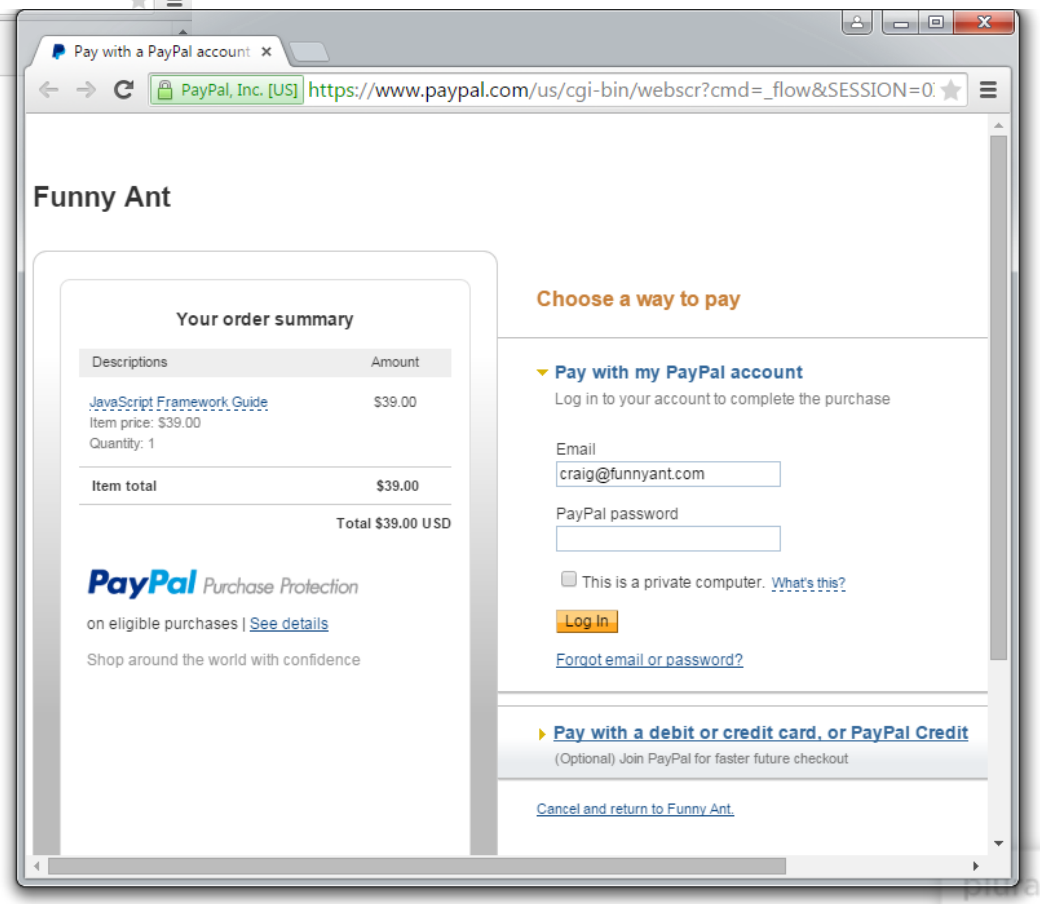
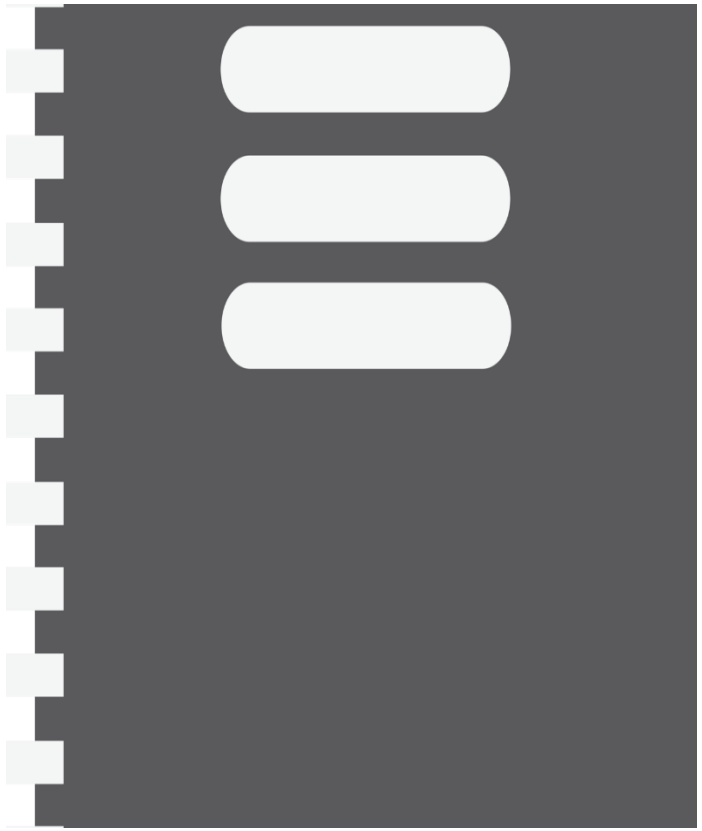
PayPal


JavaScript Framework Gui
https://www.funnyant.com/javascript-framework-guide/
THE BOOK
The budget option (but still great!)
You know, I want to make sure the book doesn't get undervalued. It really is where I spent the most time and effort. The tutorials and interviews are very useful, but let's not overlook the book itself. You will be referring back to the best practices in this book for years to come. And it includes the source code for an example application in 3 frameworks (AngularJS, Backbone, Ember).
So, if budget is an issue, I highly recommend getting the book by itself. You won't regret it.
BUY NOW FOR $39
(pay with PayPal here)


Pay with a PayPal account
PayPal, Inc. [US] https://www.paypal.com/us/cgi-bin/webscr?cmd=_flow&SESSION=0
Funny Ant
Your order summary
Descriptions
Amount
JavaScript Framework Guide
Item price: $39.00
Quantity: 1
$39.00
Item total
$39.00
Total $39.00 USD
PayPal Purchase Protection
on eligible purchases | See details
Shop around the world with confidence
Choose a way to pay
Pay with my PayPal account
Log in to your account to complete the purchase
Email
craig@funnyant.com
PayPal password
This is a private computer. What's this?
Log In
Forgot email or password?
Pay with a debit or credit card, or PayPal Credit
(Optional) Join PayPal for faster future checkout
Cancel and return to Funny Ant.

Merchant Account + Payment Processor



Bank Account for
Credit Card Transactions

Two-week application period

Similar to Cell Phone Contract
Two-year Contract

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Payment Gateway

Virtual Credit Card Machine

Monthly Fee

Transaction Fees

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PCI Compliance

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Security Breaches

Audits

Dropping your account
Industry-wide blacklist

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Payment Gateway APIs

```
var request = new AuthorizationRequest("4111111111111111",
"1216", 10.00M, "Test Transaction");


var gate = new Gateway("API-LOGIN", "TRANSACTION-
KEY",true);


var response = gate.Send(request);
```

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No long application
No contract
Developer friendly
Significantly lowers PCI Compliance scope

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Who

Trust

Longevity

Security

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About

Funding

$190 million in funding

Investors

Sequoia Capital, Andreessen Horowitz, PayPal founders Elon Musk, Peter Thiel

Valuation

$3.57 billion

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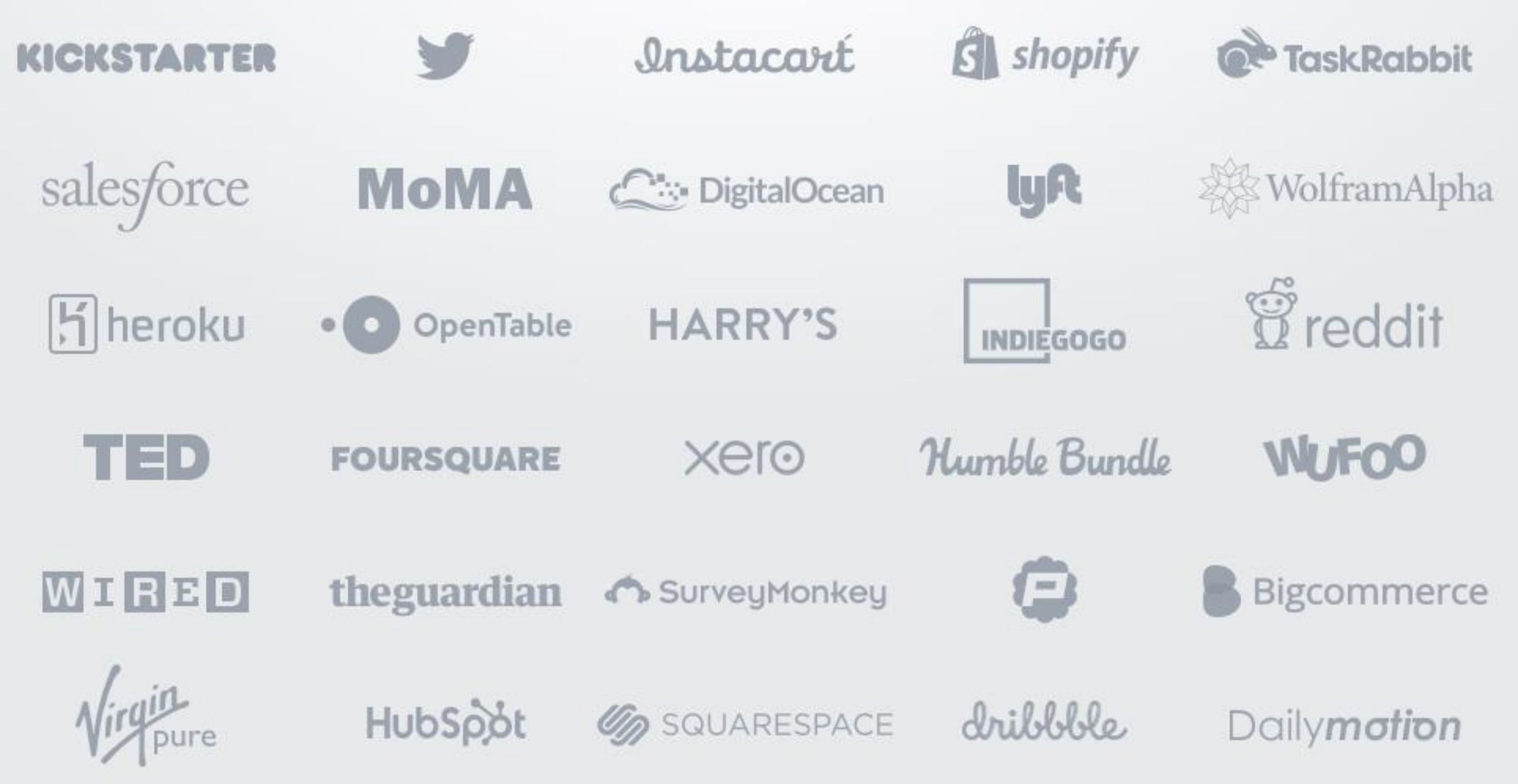

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Tools

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Pre-Requisites

ASP.NET MVC

jQuery

No Stripe assumed

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Stripe Architecture

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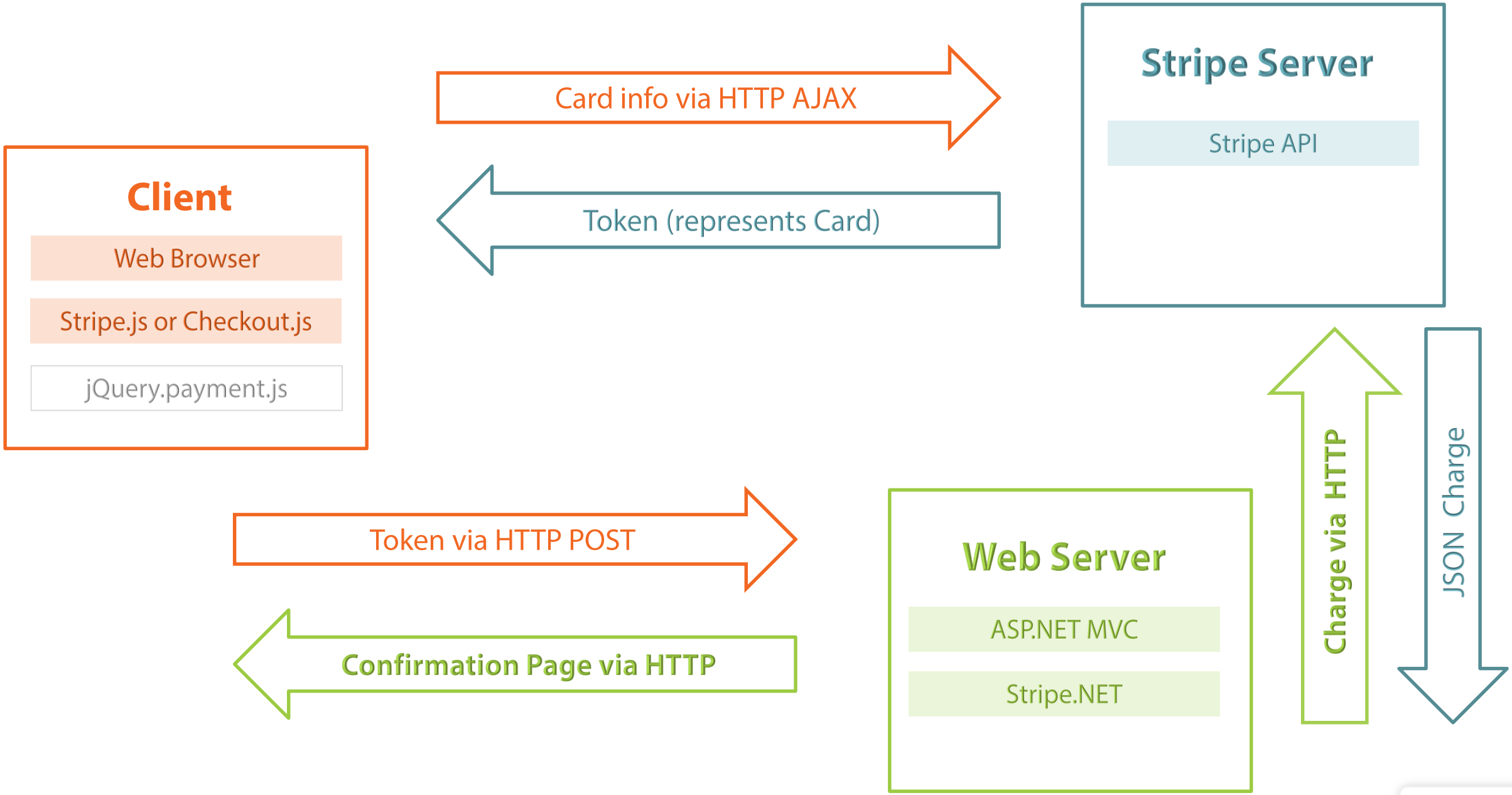
Client
Web Browser
Stripe.js or Checkout.js
jQuery.payment.js
Card info via HTTP AJAX
Token (represents Card)
Stripe Server
Stripe API
Token via HTTP POST
Confirmation Page via HTTP
Web Server
ASP.NET MVC
Stripe.NET
Charge via HTTP
JSON Charge

Summary

Why Stripe?

Company Overview

Sample Application Demo

Stripe Architecture

Project & Stripe Setup

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Stripe Setup

Create Stripe account

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Reference Stripe.NET assembly

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