Luke Hamilton

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WORK EXPERIENCE:

AnyPresence, Inc. (Remote)   **Reston, VA**
Senior Software Engineer   03/2015—Present

 Enterprise Mobile Backend as a Service
- Responsible for converting legacy Ruby on Rails application to Ember.
- Implemented redesigned corporate homepage using Jekyll.
- Application was built using Ruby on Rails and Ember.

 Mobile App Assembly Platform
- Responsible for maintaining existing application generators and SDKs.
- Implemented cross-platform SDKs for mobile and web using Node.js, Angular.js, and Ionic.
- Application was built using Ruby and Node.js

 API Development Application (JustAPIs.com)
- Responsible for implementing features, fixing bugs, and writing tests.
- Implemented developer hub and wrote API documentation.
- Application was built using Ember.

Citrix Systems, Inc. (Cloud.com)   **Fort Lauderdale, FL**
Senior Software Engineer   12/2013—02/2015

 Telemedicine Application
- Responsible for creating animated dashboard displaying blood pressure, heart rate, and temperature metrics and directly interfacing with Bluetooth connected wearable devices.
- Implemented WebRTC solution used for real time video and audio streams.
- Application was built using Node.js and Angular.js. Firebase was used for data storage and real time communication.

 Customer Support Application
- Responsible for creating real time visual annotations with HTML5 Canvas and rendering near video quality screen captures.
- Implemented WebRTC solution used for real time video and audio streams.
- Application was built using Node.js and Angular.js. Firebase was used for data storage and real time communication.

 Platform Dashboard
- Responsible for creating user interfaces for key-value data store similar to Parse and user collaboration between applications.
- Implemented custom skinned Zendesk integration enabling customer support forums, issue ticketing, and knowledge wiki.
- Application was built using Ruby on Rails and Backbone.js.

 File Storage Application
- Responsible for creating web based file preview capability and implementing Dropbox like user interface.
- Application was built using Node.js and Angular.js.

WishClouds, LLC.   **Boca Raton, FL**
Front End Software Engineer   04/2013—12/2013

 Social Shopping Application
- Responsible for application architecture and development, implementation of user interfaces, and interfacing with external APIs.
- Application was built using Ruby on Rails and Backbone.js.

Squarespace, Inc. New York, NY
Data Visualization Engineer 01/2012—09/2012

  Analytics Dashboard
  - o Responsible for design and implementation of application architecture and user interfaces.
  - o Responsible for design and implementation of data visualizations using D3.js, Raphael.js, and HighCharts.js
  - o Application was built using Backbone.js.

EverFi, Inc. (Contract) Washington, D.C.
Software Engineer 03/2011—06/2011

  Financial Budgeting Application
  - o Responsible for design and implementation of application architecture, backend API, and user interfaces.
  - o Application was built using Sinatra, Backbone.js, and Raphael.js.

  Financial Literacy E-Learning Application
  - o Responsible for rewriting web application in Ruby on Rails.

Abraxas Corporation Herndon, VA
Software Engineer / UI Designer 06/2009—12/2010

  Social Network Analysis Application
  - o Responsible for design and implementation of application architecture, backend API, database schema, and user interfaces.
  - o Application was built using Ruby on Rails and Mathematica.

SKILLS:

- **Software Skills:** CoffeeScript, JavaScript (ES6), Node.js, Ruby, Rails, Angular.js, Ionic, Ember.js, React, React Native, Backbone.js, Express, Firebase, Responsive Web Design, WebRTC, WebSockets, D3.js, Raphael.js

EDUCATION:

University of Maryland College Park, MD
Bachelor of Science in Finance / Information Systems (Double Major) *May 2009*

Security Clearance:

- TS SCI with a CI Polygraph

Awards:

- Recipient of President's Scholarship at University of Maryland
- College Park Scholars Program at University of Maryland