Eric Smallwood

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Experience

Senior Software Engineer, Keyhole Software
Olathe, KS — April 2019 - Present

Provide services for multiple clients as a senior level developer with full stack capabilities.
- AMC Theatres, April 2019 - Present
  - Creating new features and fixing bugs on AMC's Android and iOS applications.
  - Technologies used: C#, Xamarin

Programmer Analyst IV, Abbot
Olathe, KS — November 2017 - April 2019

Under general direction, architect, design, and create software solutions for various business initiatives. Development includes web applications, web services, windows services, middle-tier objects, and database objects. Responsible for design, coding, testing, debugging, and documentation. Has full technical knowledge of all phases of applications programming. Acts as technical lead for projects with small budgets or limited duration. Responsible for directing and monitoring the work of team members on a project basis, as assigned by team Manager. Assesses complexity and feasibility of business requests, provides input into technical solutions, and accurately estimates development effort for solutions. Ability to quickly learn key business processes is essential. Must be able to adapt to, work within, and introduce improvements to existing code bases. Displays sound technical leadership on team
- Health History, March 2018 - Present
  - Leading agile development team in rebuilding a platform for patients to enter their health history information before going to a clinic to be seen by a physician.
  - Technologies used Twitter Bootstrap, ReactJS, .Net Web API, C#
- eScreenGo, November 2018 - Present
  - Leading agile development team in supporting bug fixes and enhancements to a solution used to help clients schedule appointments with clinics near them.
  - Technologies used: .Net MVC, Bootstrap, C#, JQuery

Software Engineer, Builder Designs
Olathe, KS — June 2016 - October 2017

KCP&L Location One - November 2016 - November 2017
- Lead Developer for a complete rebuild Kansas City Power & Light's Location One Information System, the leading online economic development site selection tool in the United States. Technologies used

include: Angular 2, React, nodejs, html5, css3, and mongodb
Interactive Plat Maps - June 2016 - November 2016
- Designed and developed an interactive mapping system that allows clients, who are home builders to place customized pins labels, and popup text, onto images of their community layout maps. Technologies used, AngularJS, html5, css3, SQL.

Consultant, Jovian Technologies
Kansas City, MO — Sept 2015 - Present

ICE - IFRS Calculation Engine, August 2018 - Present
- Designed and built the front end of the risk calculation engine.Technologies used: Angular 6, ngBootstrap.

Diversity Platform, June 2018 - Present
- Lead developer for a platform that will be used to help companies connect with diversity hires in the technology industry. Technologies used: Reactjs, nodejs mongodb, auth0, redux, redux-saga.
https://diversity-company-profiles.herokuapp.com/

Whizzimo, Mar 2016 - July Present
- Duties include offering suggestions on the implementation details of upcoming features, fixing bugs, adding new functionality, and providing system administration for a tool used to provide assistance to teachers teaching children english. Technologies used: AngularJS, JQuery, Bootstrap, PHP, mongodb.
http://www.whizzimo.com/

iTourMobile/Jaunt, Feb 2017 - September 2017
- Initially provided support for the CMS portion of iTourMobile.com, a website that allows users to create virtual tours. Currently rebuilding both the CMS and the API and rebranding them as Jaunt. Technologies Used: React, JQuery, Bootstrap, FontAwesome, PHP, Silex, MySql.

Shelftech Reports, Dec 2015 - July 2016
- Fixed bugs and added new functionality to an inventory reporting tool. Technologies used: Asp.net WebForms, C#.

Greenlight, Oct 2015 - Dec 2015
- Designed UI, and mock backend for a .Net based banking application. Technologies used: Asp.net MVC, c# AngularJS.

Uber Minisite, Sept 2015 - Oct 2015
- Designed and developed a single page app for an Uber Driver. Technologies used: AngularJS, Jquery, Bootstrap, css, html.
http://uberlp.paperplane.io/

Campus Time, Sept 2015 - Oct 2015
- Designed a single page application for an Indian education portal: Jquery, Bootstrap, Font-Awesome, css, html.
http://campustime.paperplane.io/

Software Engineer, Sizewise Rentals, LLC

Kansas City, MO — July 2014 - May 2016

GPO Roster Converter, Jun 2015 - Jul 2015
- Designed and developed a program which converts several different Group Purchasing Organization Rosters, which come excel format, to standard XML file. Technologies Used C#, Ninject IOC Container, WPF/MVVM, and XAML.

Sizewise Public Site, Feb 2015 - Mar 2015
- Corrected issues found on the website after the company which created it went out of business. Technologies used PHP, Asp.Net.

Shop Drawing Viewer, Jul 2014 - Aug 2014
- Lead Developer for a javascript web application which allows users to scan a barcode and retrieve pdf's stored in a central location, without the need to have acrobat reader installed. Technologies used include: javascript, jQuery, underscorejs, html5 and css.

Sizewise Stat!, Jul 2014 - May 2016
- Developer for a CRM Website application used to manage medical equipment orders, message customers, and coordinate deliveries and pickups. The technologies used in this project include: Microsoft Sharepoint, Microsoft Dynamics CRM, Asp.Net MVC, WCF, WIF, C#, and SQL.

Software Engineer, Artisan Technology Group
Kansas City, MO — September 2013 - July 2014

Sizewise Stat!, Mar 2014 - July 2014
- Lead Developer for a CRM Website application used to manage medical equipment orders, message customers, and coordinate deliveries and pickups. The technologies used in this project include: Microsoft Sharepoint, Microsoft Dynamics CRM, Asp.Net MVC, WCF, WIF, C#, and SQL.

CRB Instrumentation WPF Application, Sept. 13 - July 2014
- Lead developer for a Windows application that is being used to manage an Instrumentation and Controls database, including import/export from AutoCAD, searching, filtering, and data sheet reporting. The technologies used in this project include: WPF, XAML, C#, and MongoDB.

Beyond the Scores Sports Management Platform, Dec. 2013 - July 2014
- Worked on a team to develop a web application used to manage and monitor sporting events, including club organization, event setup and registration, and web-based score entry and scoring displays. The technologies used in this project include: AngularJS, TypeScript, HTML5, Twitter Bootstrap, T-SQL, and ASP.NET MVC,.

Software Developer, Special Systems Inc.
Fairfax, VA — April 2011 - August 2013

TaxiRide Mobile Application
- Developed mobile application which tracks taxi cab's position speed and current state (i.e. Hired, Vacant, Emergency), and has the ability to process credit cards, and print receipts via Bluetooth connection. This system also enabled messages to be sent to the driver from a dispatch website via TCP connection to the mobile device, and allowed a response to be sent by the driver. The program also created event logs to track all transactions, pickups, drop offs for the purpose of

driver accountability. Technologies used in this project include: Android API

FMS Web Application

- Worked on a two-person team that created a web application and database which holds all driver and cab information, allowing for the quick and convenient editing, creating, and deleting of driver and cab information, as well as the keeping of company financial records, and the creation of custom financial spreadsheets. The system also facilitated the payment of driver dues, by keeping track of due dates and balances, and allowed for the printing of checks.Technologies used in this project include: C#, ASP.NET, SQL

FareTron Mobile Application

- Created a tablet based Taximeter solution which uses Bluetooth to interface with an OBD device to discern speed, and VIN information from the vehicle, the program then uses this speed information to calculate the distance that has been travelled, in order to calculate the rate which should be applied by to the passenger, time as well. This program has been accepted by the MD state government for use and is recognized as being well within tolerance ranges, and has been shown to be more accurate than mechanical meters. This system also uses several different mapping, systems which can be used interchangeable, Sygic Maps, Google Maps, and MapQuest maps, depending on the wants and needs of the end user. This program can be used as a standalone meter or through the use of SQLite interface with the aforementioned Taxiride program.Technologies used in this project include: Android API, Google Maps API, Google Location API

PayBack Mobile Application

- Created an application which allows passengers in the backseat of taxi cabs to be able to swipe their credit cards and enter tip information from a mobile device mounted in the back seat. This program interfaces with the aforementioned Taxiride application via mobile hotspot and the use of TCP Server/Socket connections. When connected the data entered on one tablet is displayed on the other and vice versa, allowing for easy access and more personal control of Credit card payment to customers. It also features the ability for the passenger to enter their destination address which is then passed directly to the TaxiRide program, which in turn can deliver it to the FareTron program if need be.Technologies used in this project include: Android API

Operations Support Engineer, Avid Technology Professionals
Columbia, MD — November 2010 - April 2011

- Acted as project lead for company website redesign project
- Designing company memorabilia
- Created Automated Excel Spreadsheets for internal record keeping and data tracking
- Wrote articles for news section of internal company website.

Airport Team Member, Virgin America

Dulles, VA — April 2009 - March 2011
- Safety checking the ground handling operation and completing daily safety audits.
- Monitoring flight arrival times, baggage loads, and misc. information and relaying it to the gate and ground team.
- Preparing flight releases for outgoing flights.
- Completing daily flight reports, documenting any delays or unusual circumstances.
- Performing guest check in duties at the ticket counter.
- Performing duties at the boarding gate, jetbridge operation, flight boarding, etc.

Baggage Service Agent, Air Wisconsin
Dulles, VA — August 2008 - March 2009
- Performing root cause analysis on misdirected baggage to determine the depth of the company's responsible.
- Monitoring and reporting the baggage operations for the last two shifts of the day to the shift manager.
- Rerouting missed baggage to its respective international destinations.
- Interacting with customers by addressing baggage inquires and complaints.

Marketing and Operations Specialist, Hundsun Global Services
Hangzhou, Zhejiang, China/Sterling, VA — May 2006 - July 2008

- Generated new clientele in the US and Europe by researching industries and initiating sales communication
- Developed, and maintained the company's English website (http://www.hgsamerica.com)
- Designed brochures and custom graphics to help promote the company
- Translated contractual documents from Chinese to English for both internal and external use
- Engaged in health care claim management software testing for several large projects
- Expanded the customer base by hosting and attending 4 conferences.

Intern, US Consulate Shanghai (US commercial Service)
Shanghai, China — June 2004 - August 2004

- Researched MBA Programs in China to allow U.S. Universities to have the information to build joint programs
- Translated and edited industry reports used by US companies interested in entering the Chinese market

Education

Georgia Institute of Technology
M.S. Computer Science — Graduating August 2019, GPA: 3.4

University of Maryland, Baltimore County
B.A. Chinese Studies and Business Administration — Graduated Aug. 2008,

GPA: 3.41

Shanghai Normal University
Certificate of Advanced Chinese Lingual Studies — Graduated Dec. 2005

Nanjing University
Certificate of Intermediate Chinese Lingual Studies — Graduated Aug. 2003

Skills

Programming Languages
Java, C#, C++, PHP, Python, WPF/MVVM, WCF

Database Technologies
SQL, MongoDB, Redis, Neo4j

Web Development
JavaScript, TypeScript, AngularJS, Angular 2, React, Google Dart, Nodejs, JQuery, Ajax, CSS, Twitter Bootstrap, Less, HTML5, Asp.Net MVC, XML

Graphic Design
Adobe Photoshop, Adobe Illustrator, GIMP