ROBERT TREAT PAINE METCALF III

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Evidence > words. Please follow the <u>hyperlinks</u> below for evidence.

EXPERIENCE

Jun 2020
(Present)

Phenomenal Games – Lead Designer and Programmer
- Sole developer for the <u>real-time multiplayer browser game *SocketShot*</u> [8]
- Hosted in AWS Elastic Beanstalk
- Game engine built in Node.js utilizing socket.io
- Graphics and UI built in HTML5 Canvas
- Built MongoDB data structure and data access layer

Jun 2019

Service Management Group – Software Engineer II
- Worked on an Agile team creating a customer data comparison tool in Angular JS and C#
- Wrote SQL stored procedures
- Developed dynamic UIs in CSS and HTML

Oct 2017

VinSolutions – Software Engineer II
- Worked on an Agile team creating a profile matching application written in C# and continuously deployed to AWS Elastic Beanstalk.
- Created internal automation tools for the team including an API load tester, reporting tools, and data export utilities (JavaScript and C#).
- Worked daily with a variety of AWS Cloud technologies including Elastic Beanstalk, S3, DynamoDB, RDS, ElasticSearch, API Gateway, and ECS.

Lexmark Enterprise Software – (Multiple Promotions)

Jun 2015
(Promotion)

Development Support Professional
- Worked on a four person development & maintenance team, working primarily with JavaScript, HTML and CSS.
- <u>Developed and maintained an internal ticket monitoring tool in PHP</u>[6]

Feb 2014
(Promotion)

Product Support Specialist
- Escalated CRM and JavaScript automation maintenance & troubleshooting
- Escalated Windows, Linux, SQL, and network performance troubleshooting
- <u>Developed internal automation tools in C# using Microsoft Visual Studio</u>[2]

Oct 2012

Product Support Engineer
- ECM troubleshooting
- Windows, Linux, web servers, and network performance troubleshooting
- <u>Created a SQL database dictionary for our CRM product (ImageNow)</u>[5]

Aug 2011

Optima Worldwide - Technical Project Manager
- Managed a 3 person web development team using Agile methodology
- SEO research and website optimization
- HTML,CSS & PHP development
- Video production

EDUCATION

Grad.
May 2011

Taylor University - Web Media Production
- **Web Development** – HTML, CSS, PHP, IIS, Apache Tomcat
- **Programming** – Python, C++, C#, Flash, Objective-C (iOS development)
- **Media Production** - Final Cut, Sony Vegas, FL Studio, Adobe Audition

MISSION

To develop engaging human experiences through software that entertain, enlighten and inspire.

SKILLS & KNOWLEDGE

Web & IT
- AWS Certified Developer, Associate
  Validation Number EFKVBM02DBQQ1939
  Validate at: <u>http://aws.amazon.com/verification</u>
- HTML5+XML+CSS(8 years)
- PHP (1 year)
- REST+SOAP, AWS, IIS, Apache Tomcat, TCP/IP, SSL, Wireshark, Fiddler, Windows Firewall

Programming Languages
- C# (4 years),
- JavaScript (6 years) + Node.js, AngularJS
- SQL (8 years)
- C, C++, Objective-C, Visual Studio .Net, Python, ActionScript3(Flash), Java, GitHub

Other Technologies
- Linux, MS SQL Server, Oracle, Active Directory/LDAP, Windows, OS X, iOS, Team Foundation Server(TFS), Video Production, Photoshop

PROJECTS

C# Troubleshooting Tool - *Environment Validator*[2]
- Automatically troubleshoots SQL, LDAP, config files, Win Services, and more
- Released to entire department and widely used

Flash Games - *Happy Flutter Friends & T-Robot*[3]
- Written in ActionScript3

Educational YouTube Channel - *MassComprehension*[4]
- Executive Director/Editor/Producer/Researcher
- <u>Support from author Dr. Jerry Coyne for Why Evolution is True videobook</u>

Database Dictionary - *Philosopher's Stone*[5]
- Over 650 technical table & column descriptions entered, and constantly growing
- Released to entire department and widely used

Gamification of Support Department[6]
- Awards point values to more than 60 job-related activities, transforming the work day into a game

***Additional references available upon request. <u>Click here for verbatim client feedback.</u>[7]**