**David Poarch**

**Objective** – Strictly seeking a fully telecommute role (100% remote, no travel/relocation/on-site). Full time permanent/long-term would be preferable, but also open to contract/freelance and part-time. Open to any role level. Please also note that I have a speech/hearing impairment and communicate textually (e-mail, chat).

**Clearance** – SECRET security clearance (inactive)

**Technical Skills**

- ASP .NET, .NET Core, VB/C#, PHP, JAVA/J2EE, C/C++, Python/Django, Ruby/Rails, ColdFusion, Ada, MUMPS, COBOL, Visual FoxPro, Pascal, Scheme, CLIPS, Assembly, Classic ASP, VB6, SQR, JavaScript, jQuery, JSON, TypeScript, Angular, React, React Native, Ember.js, d3.js, SQL, NoSQL, XML, XSLT, HTML, CSS, Bootstrap, Swagger

- PHPStorm, Visual Studio, Eclipse, Netbeans, Rational Apex, Qt, Dreamweaver

- Laravel, CodeIgniter, Yii, CakePHP, Composer, Guzzle

- Ruby/Rails, Lotus, Thor, GLI, Bower, Bundler, Rake

- Python/Django, Flask, Jinja, Mako, and Scrapy

- Xamarin, Android, iOS

- Mercurial, TFS, TortoiseHg, Tortoise SVN, Visual SVN, BitBucket, Git

- MS SQL Server, MySql, Sqlite, MS Access, MariaDB, Oracle, PostgreSQL, MongoDB, Redis

- Windows, UNIX (Sun Solaris, Linux)

- WordPress, Salesforce, Mulesoft, Dynamics 365, Power Apps, SharePoint, Drupal, Joomla, NopCommerce, Moodle, Magento, Shopify

- MVC, WebForms, N-tier, MVVM

- IIS, Azure DevOps, Amazon EC2, Heroku, Google Cloud Platform (GCP)

**Professional Experience**

**Self-Employed/Freelance –** Remote **January 2023 – Present**

***Full Stack Engineer***

* Developed sites using .NET Core, C#/VB.NET, ASP.NET, Angular/React, and SQL Server.
* PHP development utilizing Laravel, CodeIgniter, Yii, Symfony, Phalcon, and CakePHP.
* JAVA/J2EE development (Eclipse, Ant, Maven, Spring, Hibernate, MySQL, Tomcat, Linux).
* Python development utilizing Django, Flask, Jinja, Mako, and Scrapy.
* Ruby development utilizing Rails, Lotus, Thor, GLI, Bower, Bundler, and Rake.
* Serverless development utilizing Node.js and AWS Lambda.
* Mobile development using React Native, Xamarin, Android Studio (Java), & Swift/Objective-C.

**Domino Data Lab –** Remote **September 2021 – January 2023**

***Infrastructure Engineer / Sr. Software Engineer***

* Supported the Growth Team to manage and set up demo instances for potential clients.
* Performed deployments using AWS EC2 Linux instances, created user accounts, automation with Terraform, scripting with Python, and performed other setup procedures with SES, Keycloak, Teleport, Circle CI, Intercom, and Kubernetes.

**Georgia Institute of Technology (Georgia Tech) –** Remote **November 2019 – January 2023**

***Salesforce Developer***

* Development using Apex, VisualForce, Lightning, Aura Framework, PowerShell, SOQL (SalesForce Object Query Language), SQL, SOAP, REST, and Salesforce Extensions for VS Code.
* Salesforce DX, SalesForce App exchange products and SalesForce connected Apps, SSO, SAML, Oauth2.0, Users, Roles, Profiles, Security, Process Builders, Approval Process, Workflows, Reports, and Dashboards.
* SalesForce Sales cloud, Marketing Cloud, Configure-Price-Quote (CPQ), Billing, Communities, and Salesforce Lightning, Zuora CPQ.
* Integrate SalesForce with Mulesoft and Microsoft Azure.
* Mulesoft - Eclipse, Java, 3-layer design (System API [e.g., BuzzAPI], Process API, Experience API)
* Perform code migration from development Sandbox to test sandboxes and production. Utilization of ClickDeploy. Implement DevOps CI/CD utilizing Azure DevOps.

**Antares Audio Technologies –** Remote **November 2021 – September 2022**

***DevOps Software Engineer***

* Integrated infrastructure builds with application deployment processes.
* Design and development of software release pipelines.
* Development with PHP, Laravel, Docker, and MongoDB, and CI/CD with Jenkins and GitHub Actions.

**Bankhead Technologies, Inc. –** Remote **February 2021 – June 2022**

***Sr. Software Developer***

* Senior level technical services regarding software and systems architecture, design, implementation, management, and support for global enterprise clients.
* Developed API monitoring system using Python, Django, JavaScript, PostgreSQL, Linux, and developed visualizations using ELK stack (ElasticSearch, Logstash, Kibana).
* Migrated applications developed in C over to C++.

**Treehouse –** Remote **May 2021 – September 2021**

***Full Stack Web Developer 3***

* Development of e-learning course portal with Ruby/Rails, React, PostgreSQL, and Linux.
* Worked with APIs and performed integration with Braintree payment solutions for subscriptions.

**OST (Open Systems Technologies, Inc.) –** Remote **November 2020 – September 2021**

***Application Development Consultant***

* Built software to support a variety of platforms, such as web, mobile, and cloud/serverless apps, including leveraging technologies such as .NET Core, PowerApps, Python, Linux, AWS EBS, Lambda, and API Gateway.
* Assisted in the definition and delivery of custom software development projects.
* Created detailed scope of work, task breakdowns, architecture diagrams and functional documentation when required, and produced estimates based upon customer requirements.
* Developed strong relationships with clients and communicated effectively with clients and team members.
* Collaborated with Delivery Lead and Developers throughout the entire project to ensure project success.
* Provided knowledge transfer to clients regarding how to best architect, deploy and operate the solution.

**College Recruiter (Job Search Site) –** Remote **October 2020 – September 2021**

***Senior Full Stack Software Engineer***

* Development of job boards utilizing Node.js, React, MongoDB, PHP, Laravel, Docker, Vagrant, Linux, AWS Lambda and serverless technology.

**Resource Metrix –** Remote **May 2020 – October 2020**

***PowerApps / Dynamics 365 CRM Developer***

* Created an employee portal for timesheets and PTO using Dynamics 365 and Power Apps.
* Created D365 solution for obtaining job candidates (SharePoint forms) and screening the candidates.
* Created PowerApps canvas app, with utilization of Common Data Service/Dataverse, for importing spreadsheets and ability to search that data.
* Created reports/graphs utilizing PowerBI.

**Civicly Envolved –** Remote **September 2019 – October 2020**

***Mobile Application Developer***

* Development of mobile applications using React Native, Xamarin, Android Studio (Java), & Swift/Objective-C.
* Deployment to AppStore and Google Play store.

**Two Oceans Digital –** Remote **April 2014 – April 2020**

***Web Developer***

* Wordpress work (also Drupal and Joomla), including: PHP code addition/modification, installation, page modification, theme CSS or code modification, text/image editing, content uploading, plugin installation, site migration, wp database inspection and mass replace, site backups, error troubleshooting [e.g. white screen of death, 500 Internal Server error, 404 error, functions.php .htaccess and other file issues].
* CRUD app development using ColdFusion and MySQL.

**Command Construction –** Remote **February 2018 – May 2019**

***Mobile Application Developer***

* Development of mobile applications using React Native, Xamarin, Android Studio (Java), & Swift/Objective-C.
* Deployment to AppStore and Google Play store.

**PosiRank –** Remote **August 2017 – May 2019**

***Software Developer***

* PHP/Laravel development and API integration with PayPal API and Authorize.net API.
* Collection of sensitive data. PCI data security standard compliance.
* Custom e-commerce development. Coupons, discounts, refunds, etc. for SEO platform.

**Valiant Solutions, LLC –** Remote **December 2015 – December 2017**

***Software Engineer***

* Development of high-performing, scalable, enterprise-grade applications using Java and JEE internals (classloading, memory management, transaction management, etc.).
* Work with multiple Java technologies along with its ecosystem, including J2EE, Core Java EE, Eclipse, IntelliJ IDEA, NetBeans, Ant, Maven, Gradle, Spring, Spring Boot, ORM technologies (JPA2, Hibernate), MySQL, PostgreSQL, Tomcat, JUnit, JSP, Linux, Putty, git, Jenkins, AWS, and Java for Android development.

**Mosaic Learning –** Remote **October 2016 – August 2017**

***Software Developer***

* Object oriented programming with PHP creating custom plugins for a Moodle-based custom learning management system.
* PHP development utilizing Laravel, Composer, Guzzle, and interaction with API. Development for authorization and token/cookie/SSO implementation. And templating work.
* Utilization of Redis queues before for deferring processing of sending e-mails, and also utilized Horizon for monitoring that system.

**Spencer Gifts –** Remote **April 2015 – November 2015**

***Software Engineer***

* Translation/re-writing of Oracle PeopleSoft SQR code with Oracle DB to C# .NET using SQL Server DB, stored procedures, triggers, views, and SSRS.
* Developed C# image and metadata synchronization (from Scene7 host to local environment) console app using LINQ to SQL, SQL Server, and Adobe Scene7 API.
* Exchange rate data and Tlog file manipulation (and other batch processes) using custom VisualCron job programming, SharePoint list as OLEDB, and OpenExchangeRates API.
* ASP.NET web development using Infragistics.

**MapLarge, Inc. –** Remote **April 2014 – July 2014**

***Software Engineer***

* Developed C# console apps that processed large .CSV files, and coded various interpolation algorithms.
* Utilized list manipulation, matrix analysis, parallelization (producer-consumer pattern), and point-finding within a distance of latitude/longitude via lambda expressions using bounding coordinates.
* Added UI actions into MVC web app via JavaScript/jQuery/JSON. Converted JS to TypeScript. Used AngularJS.

**CSRA (SRA International) –** Remote **September 2013 – February 2014**

***Software Engineer***

* Supported the Federal Aviation Administration's (FAA) Airport Technology Research and Development Branch's programs, particularly FAA PAVEAIR & FAA Wildlife Strike Database.
* Analyzed, designed, developed, tested, and debugged web-based and stand-alone applications/databases.
* ASP/C#/VB.NET, SQL Server, XML, XSLT, InstallShield, web services, REST, JavaScript, ColdFusion, Agile SCRUM.

**University of Alabama in Huntsville,** On-site (Huntsville, AL) **November 2012 – February 2013**

***Software Engineer***

*In support of the U.S. Army Aviation and Missile Research Development and Engineering Center*

* Performed software and information technology support activities for the AMRDEC.
* Designed and developed systems engineering tools (Airworthiness Qualification Plan/Report document generation/management tool and task tracking system) for the AMRDEC’s Aviation Engineering Directorate (AED) utilizing .NET (N-Tier architecture).
* Transformed MS Access and ASP Classic applications to ASP/C#/ VB.NET web applications.
* Developed web sites using .NET/MS technologies (Visual Basic/ASP/MS SQL/TFS) & Bootstrap.
* Performed black box unit testing and on-site client-end troubleshooting for developed applications.

**Northrop Grumman – Info. Systems,** On-site (Huntsville, AL) **June 2012 – November 2012**

***Software Engineer***

*Ground Based Midcourse Defense (GMD) Development and Sustainment Contract (DSC) in support of the Missile Defense Agency (MDA)*

* Designed, developed, integrated, and maintained In-Flight Interceptor Communication System (IFICS) Data Terminal (IDT) software for the Missile Defense Agency's GMD program (CMMI Level 5).
* Design, development, & integration of software with hardware devices over ethernet (UDP), RS-232, & EIA-530 (RS-422) serial interfaces. Multi-threading and sockets programming.
* C++/Java/Ada in Solaris (Unix) target environment using Rational Apex. Some UNIX shell and Perl script modification, SNMP subagent tweaking, and HDLC LayGo API utilization.
* Performed log analysis, software & resource utilization metrics analysis, integration testing support, & design/code peer reviews.

**General Dynamics – C4 Systems,** On-site (Huntsville, AL) **October 2011 – December 2011**  
***Systems Engineering Internship***

* Tested Tactical Airspace Integration System (TAIS) prior to delivery to the U.S. Army.
* Assisted in maintaining/setting up the software test beds, mobile server units, and computer laboratory. Prepared experimental computer systems for demonstration to DoD and other government agencies.
* Supported black box testing of product functional requirements. Tweaked installation batch file scripts. Used Norton Ghost and Clonezilla for imaging/cloning.

**ITT Corporation (ITT-CAS),** On-site (Huntsville, AL) **May 2009 – January 2010**  
***Software / Web Developer***

* Developed web sites using ASP.NET & VB / C#, as well as console apps using C++ and Java.
* Developed SharePoint (2007) workflows, forms, and web parts using VB, C#, and jQuery, including querying and modification of Active Directory items via LDAP.
* Performed routine IT tasks such as Active Directory user account edits & password resets, as well as providing some tech support, customer interfacing, and client demos.

**Vertafore,** On-site (Pulaski, TN) **April 2008 – August 2008**

***Software Developer***

* Fixed bugs in real-time insurance quoting web application using VB, C# .NET, and Java.
* Created software requirements specifications based on application's desired inputs/outputs.
* Performed software quality assurance product testing and flagged inconsistencies with requirements specifications and actual application execution.

**US Quality Furniture Services,** On-site (Houston, TX) **August 2004 – May 2005**

***IT Consultant / Web Developer***

* Developed data-driven PHP web pages for company web site utilizing MySQL on back-end.
* Implemented internal help desk / tech support trouble ticketing system.

**NASA,** johnson Space Center, On-site (Houston, TX) **May 2003 – Aug. 2003, May 2004 – Aug. 2004**

***Software Developer / IT Researcher/Support***

* 1 of the 4 selected out of 13 SHARP I graduates to participate in SHARP II.
* Converted static web pages into data-driven ones using PHP and ColdFusion for IT Dept.
* Modified relational databases using Oracle RDBMS.
* Documented all work and presented accomplishments/findings to heads of IT Dept.
* Chosen out of a pool of more than 3,000 applicants, and was awarded a 2nd term.

**Education**

**Bachelor's, Computer Science, Florida State University,** (Completed/Graduated) **2012**

* Admitted to **Johns Hopkins University** for graduate studies; plans on hold due to work prioritization.
* **Florida State University**: Bachelor's, Computer Science – w/ Minors in Mathematics and Physical Science
  + FSU College GPA: 3.95 / 4.0
* Computer Engineering courses completed at **University of Alabama in Huntsville (UAH)**
  + UAH College GPA: 3.945 / 4.0
  + Nominated for Phi Kappa Phi Honor Society, Tau Beta Pi National Engineering Honor Society, & Upsilon Pi Epsilon Computer Science Honor Society
* Foundation courses completed at **Rice University** (Houston, TX)
* Pearland High School (TX) – Distinguished Achievement Program High School Diploma
  + Highest Ranking Graduate (1st out of approx. 700 students) / High School GPA: 4.0 / 4.0
  + NASA Texas Aerospace Scholar and State of Texas Honor Graduate
  + Member of High School National Honor Society, Science National Honor Society, and Spanish Honor Society
  + Decorated JROTC Cadet (2-time Cadet of the Year and Superior Cadet awardee)
  + MENSA International Qualified via WISC test