

DAVID ERIC 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. 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, 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 Scrappy
- 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

GEORGIA INSTITUTE OF TECHNOLOGY (GEORGIA TECH) – Telecommute November 2019 – Present

Applications Developer II (Salesforce, Mulesoft, API/Middleware)

- 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 cloud.
- 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.

SELF-EMPLOYED/FREELANCE – Telecommute

February 2013 – Present

Full Stack Web Developer (.NET Core, PHP, Java/J2EE, Python/Django, Ruby/Rails)

- Developed and/or maintained sites using .NET Core and Azure DevOps, and creation of microservice for EDI conversion and integration with SAP ERP system, Illuminate, and Epicor 10; and creation of blockchain service that can read EDI docs.
- PHP development utilizing Laravel, CodeIgniter, Yii, Symfony, and CakePHP.
- Domain driven design utilizing PHP and Phalcon framework.
- JAVA/J2EE development (Eclipse, Ant, Maven, Spring, Hibernate, MySQL, Tomcat, Linux, Putty).
- Python development utilizing Django, Flask, Jinja, Mako, and Scrappy.
- Ruby development utilizing Rails, Lotus, Thor, GLI, Bower, Bundler, and Rake.
- E-commerce development with Magento, Shopify, and Nopcommerce.
- Development with Caché ObjectScript, MUMPS, Visual FoxPro, and COBOL, and porting to newer technologies.

CRM Developer (Dynamics 365, Power Apps, PowerBI, SharePoint)

- Created an employee portal for timesheet 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 utilizing PowerBI.

Back-end Developer - (Python/Django, Ruby/Rails, Java, Nodejs)

- Developing scalable REST APIs using best practices/patterns that can handle hundreds of requests per second. Utilization of Swagger toolset for API development.

- Utilized Elasticsearch and Solr, as well as Hadoop for distributed storage/processing of big data.
- API development with Java Spring Boot and API integration with various third party APIs.
- Serverless development utilizing Node.js and AWS Lambda.

Mobile App Developer - Android, iOS, Xamarin (React Native, Java, Swift, Objective-C, .NET)

- Created native Android and iOS apps via Xamarin (.NET).
- Created mobile apps using xamarin.forms, xamarin.android, and xamarin.ios.
- Utilization of XAML and implementation of MVVM pattern.
- Modifications to Android apps via Android Studio (Java).
- Modifications to iOS apps (Swift and Objective-C) via Xcode.
- Modifications to web apps to make responsive and create mobile versions.
- Mockups with InVision and Sketch.

JavaScript / Front-end Developer (React, React Native, Redux, Angular, TypeScript, Node, Backbone, Ember, Vue, d3)

- Creation of SPAs and PWAs.
- Development of various complex front-end animations, functionalities, responsive sites, data mapping, and charting.
- Also have experience with MEAN stack (MongoDB, Express, Angular, Node).
- Utilization of tools and toolchains such as Storybook and Expo.
- Utilization of Sass and LESS.

DevOps / Cloud Engineer (Azure and AWS)

- Implementing cloud solutions and using Azure, GCP, and/or AWS (Amazon Web Services).
- Configured and ran builds, and released in TFS and Azure DevOps.
- Usage of AWS services, automation (deployments, dev & test workflows, container and configuration management), EC2 instances, S3 file transfer, and security groups.
- Usage of CLI, API's, and PowerShell scripting.
- Terraform scripting to automate EC2 instance and user creation.
- Microservice experience and exposure to Chef, Puppet, Ansible, Docker, and Kubernetes.

Developer (ColdFusion, VB6, Classic ASP, WordPress)

- Built sites from scratch using ColdFusion and ColdBox. SQL Server back-end.
- Classic ASP development and re-writing to .NET. Development of stored procedures.

- Developed VB console apps, such as CSV merging tool, using column header comparison.
- 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].

PosiRANK – Telecommute

August 2017 – May 2019

Developer (PHP, MySQL, APIs)

- 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.

MOSAIC LEARNING – Telecommute

October 2016 – August

2017

Developer (PHP, Laravel, Moodle)

- 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 – Telecommute/Freelance Contract

April 2015 – November

2015

Software Engineer (.NET)

- 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. – Telecommute/Freelance Contract

April 2014 –

July 2014

Software Engineer (.NET)

- 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.

SRA INTERNATIONAL – Telecommute

September 2013 – February 2014

Software Engineer (.NET, ColdFusion)

- 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, Huntsville, Alabama

November 2012 – February

2013

Software Engineer (.NET)

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, Huntsville, Alabama

June 2012 –

November 2012

Software Engineer (C++, Java, Ada)

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 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, Huntsville, Alabama

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), Huntsville, Alabama

May 2009 –

January 2010

Web Developer (SharePoint/.NET, Java, C++)

- 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, Pulaski, Tennessee

April 2008 – August

2008

Programmer (Java, .NET)

- 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, HOUSTON, TX

August 2004 – May

2005

IT Consultant / Developer (PHP)

- 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, HOUSTON, TX

May 2003 – August 2003, May 2004 –

August 2004

Developer (PHP, ColdFusion)

- 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

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