

Mike K. – public resume

Acworth, Georgia 30101

gmail: remzmike

Over 20 years of programming freedom. Remote work is my default.

I am a good programmer who wants to write code and design systems.

I like straightforward. I don't mind minimal. I usually have some ideas.

I am not a presenter or salesman. I am not a manipulator of people.

Review sample code and exercises @ <https://remzmike.github.io/>

March 13, 2017 – Present

Senior Software Developer at Momentum Telecom in Kennesaw, Georgia

Modifications to legacy ASP.NET Webforms application.

- Added support for a new Vue.js UI layer and developed re-usable components
- Designed and developed custom json web api and developed new endpoints
- Backported the AlchemySharp.cs query builder so we could use it
- Re-implemented the largest page in the application using the new tech stack
- Introduced npm to configure and build third party Javascript libraries
- Modified third party UI components to match our application look and feel
- Created developer previews and documentation for new technology stack
- Fixed bugs for Element, an open-source Vue.js component library
- Introduced app-wide performance metric hooks to spot potential bottlenecks
- Modifications to the legacy Nant build script and fixed the visual studio build
- Defined and documented legacy environment and build requirements
- Fixed the source control integration so all developers could contribute directly

Assisted contractors with development of a new portal and dashboard.

- Developed ASP.NET Web API for integrating with Azure Active Directory B2C identity management services.

Identified and provided fixes for performance and security problems.

- SQL injection vulnerabilities
- Busy waits in server threads to detect when a file is finished writing
- Authentication problem allowing any user to authenticate as any other
- Entire search result set being sent on every page of search results

January 6, 2014 – March 12, 2017

Self Employed, Acworth, Georgia

- Independent contractor
 - Developed scripted raster image processing service in C#
 - PDF API wrapper using official Adobe API
 - Server-side Flash rasterization service
 - 24-bit Javascript color picker
 - Lossless encoding of 32-bit image data into SWF in C#
 - Modifications to the Lua programming language and bytecode loader in C
 - Embedded Lua in .NET, Python, Delphi, and Java environments
- One year contract for ControlScan Inc
 - Updated Python REST API services to support PCI 3.0
 - Automated and documented Linux setup and deployment process
 - Developed robust data upgrade scripts with SQLAlchemy
 - Developed multiple server-less front-end prototypes using React

October 26, 2009 – January 6, 2014

Software Developer at CCH Small Firm Services of Kennesaw, Georgia

Full-stack Microsoft developer for TaxWiseOnline, a complete web-based tax preparation and e-filing solution used by the IRS.

- Introduced distributed caching using C# and Microsoft Azure
- Introduced asynchronous ASP.NET pages using C# and VB.NET
- Custom html5 rendering of proprietary implementations of IRS tax forms
- In-depth single-page, ajax-heavy Javascript optimization and debugging
- Front-end overhaul to support Section 508 government accessibility standards
- JQuery datatables library customization and plugins
- Introduced Python, Selenium and browser-friendly QA automation
- Python scripts for parsing documentation and context-sensitive help
- Python library to parse legacy binary files produced by Delphi
- Efficient performance metric logging to Cassandra DB using PostSharp
- Data transformation scripts (PL/SQL)
- Worked with other teams to integrate their Delphi and .NET components
- Worked with proprietary tax form scripting language

July 5, 2005 – August 8, 2008

Web Developer at Microbilt Corporation of Kennesaw, Georgia

Full-stack Microsoft developer for CreditCommander, a web-based credit and background screening suite; and hundreds of private labels.

- Classic ASP web application enhancements
- Dynamic web client programming using html and Javascript
- RSync powered backup and rudimentary source control solution
- Introduced Python pre-processing to classic ASP web application
- Combined roughly 20 separate instances of the codebase into one
- Dynamic custom chart generation service in C#
- Fixed performance problems with database components in VBA
- Built numerous reusable software libraries
- Designed sites for private label customers using Photoshop

July 4, 2001 – July 4, 2005

Self Employed at Efflare Systems, Saint Paul, Minnesota

- Created and maintained all software products
- Technologies used: Java, C#, Delphi, C, Javascript and Lua
- Created and maintained all product documentation for end users
 - Wrote sample documentation code
 - Designed graphics with Photoshop
- Provided advanced one-on-one technical support to product customers
- Responsible for various website layouts and designs
- Wrote Authorize.Net and PayPal payment processing interfaces in PHP
- Designed and developed secure licensed software delivery system in PHP
- Maintained remote FreeBSD server hosting the above systems
- Updated above systems for years to support new regulations and ideas
- Article: [NASA develops style sheets, tools for Web sites](#)
- Customers: NASA, FAA, USPS, AIG, Bushnell, Ping Golf, Fler, Crayola, Woodward

Education:

- University of Saint Thomas, Saint Paul, Minnesota
- B.A. "Quantitative Methods and Computer Science"