JOSHUA ROGERS

Experience

M&T Bank
Software Engineer III, May 2019 - Present

Refactored logging infrastructure to use ELK (Elastic/Logstash/Kibana)

Developed banking mobile app in Angular

Developed back-end infrastructure in C# .NET Core. LightInject interception for auto-logging/caching (ELK/Redis).

Coded C# to trace requests through GRPC communication in APM

Wrote various re-usable Angular libraries in Typescript

Independent Health Association, Inc.
Application Developer, Feb 2016 - May 2019

Ported insurance benefits logic from middleware service to .NET application and developed an application,to modify the default display.

Added/re-wrote/fixed various pages around the site using Angular JS and Bootstrap.

Developed mobile application using Cordova.

Integrated natural language benefits search with an Alexa application using LUIS (Language Understanding Intelligent Service).

Added CSRF protection throughout site.

C# development in login, registration, caching, and logging.

Essendant Inc.
Application Developer II, Mar 2015 - Feb 2016

Developed Java web applications using Spring Framework, OpenJPA as the object relational mapper, and Maven for WAR/EAR builds.

Developed business logic using Drools rules engine. Configured Bamboo for automated builds.

Lehman College
Substitute Lecturer of Computer Science, Jan 2014 - Feb 2015

Databases (CIS 244): SQL in both MySQL and Microsoft Access. Normalized table structure and Distributed Database concepts.

Intro. Programming with Python (CIS 166): Fundamental imperative programming concepts. Some introductory material in sorting algorithms.

Android Development (CMP 464/788): Java development in Android. Layout designs and a heavy emphasis on execution threads.

Web Development (CIS 228): HTML, CSS, and Javascript.

Corespring Inc.
Web Developer, Feb 2012 - Dec 2013

AngularJS used as client side framework, along with JQuery, Underscore.js, and Twitter Bootstrap.

Developed using Scala with Play! 2 as the base framework. Used MongoDB for database and Amazon S3 for image storage.

PhantomJS used for testing Javascript and Gatling for load testing. Cucumber with Ruby on Rails for Behavior-Driven Development.

NowNear
Lead Developer and Co-Founder, Jan 2011 - Jan 2012

Developed the NowNear Android application using a modified Smack library in Java to communicate through XMPP.

Developed the NowNear server-side logic and protocol. Included the use of XMPP protocol and extending the Java-based server, Openfire.

Designed and built database structure using MongoDB.

BlueSwitch
Android Developer, Jun 2010 - Dec. 2010

Developed multiple applications in Android which involved complex navigation, view layouts, and extensive Java development.

Involved XML parsing for a custom RSS feed, and integration with Google Checkout API.

Education

Lehman College, City University of New York
MS, Computer Science; May 2013

University at Buffalo, State University of New York
BS, Computer Engineering; May 2009

Technical Skills

Software: Elastic Search, Kibana, Filebeat, Logstash, Docker, Openshift, Visual Studio, IIS, NodeJS, Postman, SoapUI, IntelliJ, Drools, Jenkins, Heroku, Netty, Maven, Eclipse, Tomcat

API's: Google Maps, S3, Facebook, JSP, J2SE, EJB, JDBC, GLUT, CUDA, CUFFT, Android

Frameworks: .NET MVC/Core, LightInject, Angular, GRPC, RxJS, Redis, Bootstrap, AngularJS, Entity Framework, LUIS, Alexa, Cordova, Android, JQuery, PhantomJS, Spring, Play2

Programming: C#, Typescript, Javascript, SASS, CSS, HTML, Regex, Java, Python, Scala, MySQL, PHP, JSP, CUDA, Android

Protocols: Protobuf, SOAP, OAuth 2.0, Mutual Authentication, RSA, TCP/IP, HTTP, TLS/SSL, XMPP, FTP

Databases: SQL Server, Oracle, Microsoft Access, MySQL, MongoDB

VCS: Git, TFVC, SVN