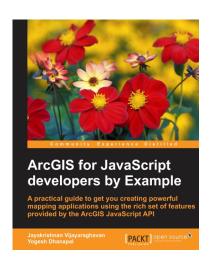
YOGESH DHANAPAL

Richmond, VA

+1 333-326-8714 Mobile geoyogesh@gmail.com

GitHub http://goo.gl/5WdiZg Linkedin http://goo.gl/MQAQoW MyBook http://goo.gl/U3qzt5







Profile

5+ years of work experience in software engineering and in developing geospatial solutions

Can quickly learn new technology and apply it in practice

Published a GIS book for javascript developers

Conducted Training Sessions on topics like .NET Application Development and also on developing web applications with GIS capabilities

Experience

GIS Applications Developer, Timmons Group — 2015-Present Software Engineer, Tech Mahindra — 2010-2015 Intern, RRSSC, ISRO, Bangalore — 2009-2009

Experience working in Object Oriented and Functional programming Problem Solving and Coding Skills with Data Structure and Algorithms Comfortable writing code with Design Patterns

Developing Web Applications using ASP.NET Web Forms and MVC Developing HTML5 SPA applications using NodeJs, AngularJS and React Developing REST and SOAP web services using WCF, ASP.NET WebAPI

Experience developing High performance Real Time Applications using WebSockets and long pooling techniques

Experience developing performance forward proxy for authenticating the media streaming services

Developing XAML based applications such as Silverlight, WPF

Developing Secure WebApplication using Windows Authentication, Forms based Authentication, OAuth 2.0 (Authorization) and Web API authentication using JSON Web Tokens

Developing WebApplications avoiding common security vulnerabilities such as SQL Injection, CQRS

Comfortable conducting penetration testing on WebApplication

Good understanding of Cryptographic Techniques

Developing Desktop Applications using Windows Forms, WPF

Working with RDBMS such as SQL Server and Oracle Database Working with SQL Server Spatial, Oracle Spatial, SQL Server and CLR

ExtensionsComfortable working with NoSQL Database such as MongoDB

Working with Hadoop Distributed File System and developed Map Reduce Jobs

Trained in Native IOS Development using Swift

Projects

GIS Services, CHART, Richmond, VA — May 2015 - Present
Common Mapping Component, VDOT, Richmond, VA — Dec 2015 - Feb 2015
P4 - Project Prioritization App, NCDOT, Richmond, VA — May 2015 - Oct 2015
GIS Services, Chevron; India & Houston, Texas — Dec 2014 - May 2015
GIS Services, Chevron; India & Lafayette, LA — Dec 2011 - Nov 2014
Vehicle Tracking System, Mahindra Logistics; India — Jun 2011 - Dec 2011
Remote Monitoring System, Generac; India — Sep 2010 - Jun 2011

Education

College of Engineering - Anna University, Guindy; Chennai, India — Bachelors of Engineering in Geoinformatics, 2010

Skills

Microsoft Suite — C, C++, .NET, C#, Windows Forms, WPF, Silverlight, WCF, ASP.NET Webforms, ASP.NET MVC, ASP.NET WebAPI, SignalR, ADO.NET, LinQ, SSRS, SSIS, Microsoft Enterprise Library, PRISM, MEF, Task Parallel Library Web Development — HTML5, CSS3, JavaScript, Dojo, Nodejs, AngularJS, React, Bower, Grunt, JQuery, JQuery Mobile, Bootstrap, JSON

Mobile Development − IOS

Programming Languages — C, C++, C#, Java, Scala, Python, JavaScript, SQL, R. Swift

Database — SQL Server, Oracle, PostgreSQL and MongoDB

Cloud — Google App Engine, Microsoft Azure, Amazon Web Services

Version Control System — GIT, TFS, SVN

Continuous Integration — Jenkins

OS — Windows, Linux (Ubuntu, Kali)

Distributed Computing — Hadoop

Machine Learning — GraphLab, SFrame

Certification

Microsoft Certified Solutions Developer – Web Applications Microsoft - Programming in HTML5 with JavaScript and CSS3 Specialist Microsoft Certified Professional Silverlight

ESRI - WebApplications Developer Associate 10.2

Online Courses

Machine Learning Foundations: A Case Study Approach - Coursera - University of Washington

An Introduction to Interactive Programming in Python - Coursera - Rice University

Cryptography I - Coursera - Stanford University
Web Application Architectures - Coursera - University of New Mexico
Introduction to Linux - Edx - Linux Foundation
MongoDB for Developers (M101) - 10gen
MongoDB for DBA (M102) - 10gen
Web Application Engineering (CS253) - Udacity

Publication

ArcGIS for JavaScript developers by Example - Packt Publishing - ISBN 9781785888663