

Contact

www.linkedin.com/in/gregorycookgalexan (LinkedIn)
www.visualcv.com/gregorycook (Other)

Top Skills

Web Services
.NET
XML

Certifications

Git Fundamentals
Defensive Coding in C#
Web Security and the OWASP Top 10: The Big Picture
CISSP® - Software Development Security

Gregory Cook

Member Board of Directors at Sorting Robotics
San Jose, California, United States

Summary

Problem solver, Sr. Level Application Developer and Software Architect on a wide variety of business applications. Interested in a full-time role that allows me to move from implementer to enabler, or contract software development on "that" critical path project that has to ship.

Specialties: Coaching, critical thinking, .NET, OOP/OOD, BPR, software architecture and development, web services, middle-tier components, ETL, data migration, RBDMS and Cloud Computing.

Experience

Sorting Robotics

4 years 3 months

Member Board Of Directors

December 2021 - Present (1 year 11 months)

Systems Architect

August 2019 - December 2021 (2 years 5 months)

Greater Los Angeles Area

AWS Beanstalk, S3, and EC2, Node.js, Python, Linux (Ubuntu), CI/CD (GitLab), Robotics and Computer Vision (OpenCV), FLIR (Spinnaker), C++

UC Berkeley, BEAR Center

Software Developer

September 2017 - July 2019 (1 year 11 months)

San Francisco Bay Area

Web applications programmer, ASP.NET, optimizing the performance of an existing VB.NET web application to meet the demands of thousands of concurrent users. Working with Database architect to design, improve, and optimize a production grade MSSQL database

Galexan LLC

Owner

February 2005 - September 2017 (12 years 8 months)

Owner, software developer and architect, mobile applications.

Delta Community Credit Union

Software Engineer

June 2012 - April 2016 (3 years 11 months)

Architect and primary implementer of a 3rd party data interface specification enabling migration to a new hosted online banking platform. This effort includes development of a RESTful services layer that exposes and extends data from a Symitar core banking system and replaces and/or integrates existing SOAP services. Additionally, championing continuous integration setup using TFS including automated unit tests, web service, and web application deployment. Previously shipped a range of projects from custom regulatory PDF generation, to enhancements to WCF services driving a Verizon hosted Interactive Voice Response (IVR) system.

Associated Press

Software Engineer

July 2010 - September 2011 (1 year 3 months)

Worked with a small, talented team to re-imagine ways to use the vast, 100+ million archive of AP articles. Designed and developed a RESTful API to make this archive easily available to the AP's internal and external applications and partners. Developed a Workflow foundation (WF) 4.0 flow using Visual Studio 2010 Ultimate with Team Foundation Server (TFS) for publishing to the cloud with Amazon S3, while maintaining an abstraction layer that also supports Windows Azure Blob Storage.

Taleo

Sr. Software Engineer / Consultant

February 2010 - May 2010 (4 months)

Produced multiple iterations of Taleo Analytics functional prototype, a solid set of API(s), integrated branded graphics, and provided code repository and basic project management functions. Taleo Analytics enables organizations to get complete visibility into their employees by analyzing information about recruiting, performance, compensation, and employee development

JDA Software

Software Architect & Developer

August 2008 - November 2009 (1 year 4 months)

Consulted with business analysts and assisted in development of requirements and testing strategy. Proposed new tools and the use of design patterns and automated unit testing to meet unique business requirements. Introduced Visual Studio 2008, .NET 3.5, WPF, Model View View Model (MVVM) architecture, IOC and Dependency injection with Unity container, CodeSmith, code generation, and NUnit to the organization. Designed and implemented core weekly level promotional placements and core components of MPO application

SunTrust Banks, Inc

Lead Developer

June 2006 - November 2007 (1 year 6 months)

Lead developer for SunTrust Web Shared Services. Working with a talented team of developers, analysts, architects and business consultants to build a web services infrastructure, first for the Plumtree portal / ASP.NET online-banking, and the "STI Platform" bank branch client server applications.

Technology: NET 2.0, VS 2005, ASP.NET, C#, WSE 3.0, WS-Security, SOAP Extensions, XML-Schema, WSDL, NUnit, Log4Net, Plumtree Portal, and interfaces with an IBM Websphere based ESB implementation (EJB,CTG,MQ).

Per-Se Technologies

Developer

November 2005 - June 2006 (8 months)

Comprehensive software maintenance and development of hosted application MedAxxis (<http://www.medaxxis.com>). ASP, ASP.NET, C#, SQL Server 2000, DHTML, JavaScript.

ZC Sterling

Software Engineer

May 2005 - October 2005 (6 months)

Software development, migrating 20+ legacy systems from an ASP and JavaScript front end, with Delphi COM+ and Oracle middle and backend, to an ASP, ASP.NET, and JavaScript front end, with C#, .Net, and Oracle middle and backend. Extensive use of XML data binding in the front end, targeted to Internet Explorer and IE's DOM extensions.

Delta Technology

Sr. Software Engineer

April 1996 - May 2005 (9 years 2 months)

Software development and project management

Integic

Software Engineer

November 1994 - April 1996 (1 year 6 months)

Software development

DISC

Software Engineer

January 1992 - October 1994 (2 years 10 months)

Software development

Education

Embry-Riddle Aeronautical University

BS, Computer Science · (September 1989 - December 1991)

US Air Force Academy

Political Science and Government · (1987 - 1989)