M. Frank Turner

Aloha, OR 97007

(503) 649-0859

Hello625@aol.com

#### Summary:

#### Software engineer with 8 years of experience that includes 70% engineering and 30% quality assurance and a recent emphasis on database development.

**Top Skills**:

* Programming languages: SQL, .NET, C#, Visual Basic and HTML
* Ability to examine current systems and make them better
* Ability to balance creativity with efficiency to achieve effective solutions

#### Career Objective:

#### To work in a stable organization that will allow me to use my skills in a productive and rewarding atmosphere.

**Professional Experience**:

**Position: IT Reporting Specialist**

**Company:** SolarWorld Industries America LP, Hillsboro, OR

**Duration:** Jun-Sep 2011 (contract, Kelly IT Services)

**Description:** Reported yield and loss statistics about solar cell manufacturing tools and processes.

**Duties:** Created static and automated reporting. Gathered requirements from IT and manufacturing personnel. Implemented business intelligence and aggregation. Modified stored procedures and queries.

**Skills:** business intelligence (BI), ETL, data warehousing (DW), SQL, Oracle 11g, PL/SQL, T-SQL, SQL Server, SSIS, ODBC, Statistica, Visual Basic, ASP.NET, C#, HTML, MVC, Visual Web Developer, SharePoint 2007, DOS, Windows Tasks Scheduler, Office 2007, Remote Desktop, Windows XP

**Position: .NET Software Engineer**

**Company:** Pacific Intermedia, Inc., Portland, OR

**Duration:** Jan-Jun 2011 (project, Staffing Solutions, LLC)

**Description:** Collaborated with a distributed team to make enhancements to ODOT’s internet applications.

**Duties:** Implemented business intelligence (BI) for Tripcheck.com, Twitter, etc. Authored technical specifications and test cases. Web testing per client requirements. Liaison between company and client.

**Skills:** test-driven development (TDD); SQL Server, T-SQL, Access/Excel 2007, ODBC; VBA, ASP, VBScript, IIS; HTML, JavaScript, CSS; ASP.NET (Web Forms, user controls), Visual Studio 2008, C#; XML, XSLT; IE, Firefox, Word 2007, Outlook 2007, Sharepoint Server 2007; Live Meeting, Virtual PC; FTP; Visio 2010; Windows XP; technical writing

**Position: Software Developer**

**Company:** Intel Corporation, Hillsboro, OR

**Duration:** Aug-Sep 2009 (contract, EdgeLink Technology Recruiters)

**Description:** Implemented enhancements and fixes to support customization of 3-tier project planning software.

**Duties:**  Enforced data integrity rules in stored procedures and triggers. Customized GUI. Perfomed testing.

**Skills:** BI, ETL, DW, T-SQL, SQL Server, ASP.NET Web Forms (MVC, Visual Studio 2005/C#, XML; AJAX/XHTML, CSS; design patterns; TDD; IE 6.0; IIS, Windows XP, Linux; Sourcesafe 2005, CVS; Office 2003; black/white box, regression, web testing

**Position: Web Developer**

**Company:** TriMet, Inc., Portland, OR

**Duration:** Jun 2009 (contract, Staffing Solutions, LLC)

**Description:** Implemented main navigation menu functionality for client’s corporate web site.

**Duties:**  Worked with a senior developer on a few prototypes.

**Skills:** JavaScript, CSS, HTML, TDD

**Position: Reports Developer**

**Company:** EIS Analytics, Vancouver, WA

**Duration:** Oct-Dec 2008 (contract, Protingent Staffing)

**Description:** Created and enhanced reporting in an Agile environment.

**Duties:** Implemented custom real estate reports. Fixed defects in an intelligent ERP application. Tested report changes. Compiled legacy documentation.

**Skills:** TDD; BI, Crystal Reports, Yardi; T-SQL, SQL Server 2005, ADO.NET, Microsoft DTS, NET 3.5/C#, MVC, Visual Studio 2008, Windows Forms, XP; DOS; IE, Firefox; VBA; Sourcesafe 2005, Office 2007; technical writing

**Position: Software Engineer**

**Company:** Intel Corporation, Hillsboro, OR

**Duration:** Jun-Nov 2007 (contract, Kelly IT Services)

**Description:** Developed a new 3-tier tool to retrieve, filter and display validation testing metrics.

**Duties:** Compiled Excel prototypes into one .NET client application.Created a UI with a wizard-like pipeline.Documented source code. Authored tool user guide.

**Skills:** TDD, design patterns; UML; BI, DW, ETL; Visual Studio 205, .NET 2.0, Visual Basic 2005, C#, MVC, XML; Crystal Reports, SQL, SQL, Sourcesafe, Firefox; technical writing

**Position: Web Developer**

**Company:** Intel Corporation, Hillsboro, OR

**Duration:** Nov 2005-Nov 2006 (contract, Kelly IT Resources)

**Description:** Developed and updated 1,000+ pages for Intel’s Innovation in Education web site.

**Duties:** Converted existing page formats to new corporate look and feel. Maintained dynamic content and site compatibility per customer requirements.

**Skills:** HTML, DHTML, CSS, Photoshop, Javascript/DOM, VBScript, Ajax/XML, ASP/ASP.NET and .NET/C#, Javascript/DOM, VBScript, Ajax/XML, Mercury Quality Center, Sharepoint; Sourcesafe 6.0; Office 2003

**Position: Systems Programmer**

**Company:** A-CTI/Solestruck.com, Tualatin, OR

**Duration:** 2005

**Description:** Developed and integrated a 3-tier credit card transaction system for an active e-commerce website. Enhanced call center’s customer relationship management (CRM) applications.

**Skills:** TDD; J2EE/J2SE, Apache, XML; UNIX; BI, DW, SQL, PostgreSQL; JSP, VBScript, JavaScript, HTML, DHTML, CSS; CVS, SourceSafe 6.0; Bugzilla, Windows Forms,.NET: ASP/ASP.NET, MVC, C#, VB.NET, ADO.NET

**Position: Programming Support**

**Company:** First Books, Tigard, OR

**Duration:** 2004-2005

**Description:** Developed software solutions for a growing book publisher.

**Duties:** Created intuitive application to calculate unit cost and net profit. Designed e-mail automation utility. Provided web site shopping cart maintenance and support.

**Skills:** BI, TDD, VBA, Excel, HTML, ASP

**Position: Programmer/Analyst 2**

**Company:** VitalWorks, Inc., Beaverton, OR

**Duration:** 2002-2004

**Description:** Contributed to several successful electronic medical records (EMR) software releases.

**Duties:** Performed all SW configuration management and decreased complexity by 66%. Developed and maintained all installation software. Fixed software defects. Performed testing and created new test plans.

**Skills:** OOP; design patterns; SourceSafe, Visual Studio, /C++, MFC, MVC, ActiveX, COM; VB; BI, SQL, SQL Server 2000, DTS, Access; OOP; VBScript, JavaScript, HTML, DHTML, DOM, XML, testing (black/white box, regression, integration)

**Position: Graphics Software Engineer**

**Company:** Intel Corporation, Hillsboro, OR

**Duration:** 2000-2001

**Description:** Helped to develop a 3D animation rendering automation client.

**Duties:** Enhanced user interface. Programmed scripts to parse, analyze, convert and transmit 3D scene data files. Upgraded complex project files and libraries. Tested for performance and resource usage.

**Skills:** TDD; C/C++, Visual Studio; Windows API, STL; MVC, Tcl/Tk, FLTK, Mel; UNIX, Korn and C shells, CGI, Perl, FTP, 3D Studio MAX, Maya, Renderman, CVS, PVCS

**Position: Automation Test Engineer**

**Company:** Intel Corporation, Hillsboro, OR

**Duration:** 1999 (contract, CDI, Inc.)

**Description:** Validated motherboard and processor prototypes by automating Windows applications

**Skills:** MVC, Windows API, ATL, STL; MFC; C/C++; Visual C++ 6.0, Windows 95 and NT, Sourcesafe, PVCS

#### Education:

Portland Community College (PCC), Portland, OR 2010

**Certificate: Database Career Pathway (Oracle and SQL)**

SQL Server; Oracle: Database (10g, 11g), PL/SQL, APEX (4.0, 3.2), Reports, Forms; SQL; ETL and data warehousing

Portland State University (PSU), Portland, OR 1998-2000 Graduate

**Bachelor of Science: Computer Science**  GPA: 3.7, Member: Phi Theta Kappa

Portland Community College (PCC), Portland, OR 1994-1998 Graduate

**Associate of Science: Computer Science** GPA: 3.7, Dean’s List

Hillsboro High School, Hillsboro, OR 1994 Graduate

GPA: 3.5, Member: National Honor Society