JOSEF DOORNINK

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LinkedIn | GitHub.io | **Location:** Portland, Oregon USA

PROFESSIONAL PROFILE

- Over 4 years of proven applied enterprise level software experience in using multiple technologies for consumer and business based experiences.
- Increased levels of responsibility and ownership in teams, project and strategies.
- Broad knowledge base and team player with experience developing in multiple time-sensitive environments.

SKILLS AND PROFICIENCIES

Languages
C#5.0, 6.0; CSS; HTML5; .NET 4.0, 4.5, 4.6; T-SQL; Selenium; JavaScript; TypeScript; **Java**; jQuery; Visual Basic

Programs
Visual Studio 2008, 2010, 2013, 2015; SSMS 2012, 2016; Visual Studio Code; XCode; Xamarin; Photoshop; Office

Tools
Agile Methodology; GitHub; PowerShell; Web Forms; Fiddler; MVVC; MVC; Authorize.NET; WordPress; LeanKit; node.js; NPM; Angular; LabView; Evernote; Slack; Bootstrap; Pluralsight; Katana

RELEVANT APPLIED EXPERTISE AND EXPERIENCE

Business Process Design, Modeling and Implementation	Asset Management and Control
Technology, Assets, Service Roadmaps and Lifecycles	Solutions and Service Management
Business Operations	Team Building and Management
Continuous Improvement and Delivery	Innovation, Change and Release Management

WORK EXPERIENCE

04.2014 – CURRENT **OnFulfillment ™**   Portland, OR

Title: **Software Developer**

Teams: Action - Janice Kiser, Manager
Building – Allen Newton, Senior Development Engineer

Summary: Software Engineer tasked with development, refactoring, improving architecture and maintenance of multi-tenant software platform for e-commerce sales through the use of Microsoft Stack technology and tools integrated with API based SaaS software.

Involvement: Engineer, analyze and provide technical solutions and assessment risks, gaps, defects and deficiencies throughout the SDLC on a multi-tenant e-commerce platform using C#5.0, C#6.0, Microsoft .Net 4.6, Visual Studio 2013-2015 and SSMS 2016, HTML5, Javascript, CSS, T-SQL, and SSMS 2016 and GIT for version control.

Integrate current software platform with new Greenfield platform using Angular 1.4, .NET 4.6.2, MVC architecture and Bootstrap technologies through use of API based SaaS.

Refactor existing C#5.0 code for better performance as measured through New Relic performance management.

Replace custom functionality with NuGet packages and maintain versioning using Visual Studio 2015 NuGet Package Manager.

Provide defect tracking code and feature implementation of platform specific software to allow customer service representatives ability to provide real-time desk support service using classic.asp code, T-SQL, Web Forms and C#5.0 code in Visual Studio 2013 and SSMS 2016.

Work within an Agile team environment to develop web-based applications using Microsoft Stack software using LeanKit for project tracking and management and GIT for version control.

Supply code specific solutions for multiple stake-holders to determine scalable, manageable solutions that fit customer specific needs with communication using Slack, Microsoft Office 365 and Business Skype.

Create resolutions, develop integrated project plans and identify governance vulnerabilities within organization the organization, asses impact and present solutions to groups of 5-10 developers and stakeholders.

Assess new technologies and potential influence on current requirements and business rule implementations.

Monitor defects of current architecture through implementation and use of Error Logging Modules and Handlers (ELMAH) technology along with New Relic performance software.

Reverse engineer current features for use with updated technologies converting and expanding Visual Basic code to .Net 4.5 framework using C#5.0, Webforms and T-SQL.

Architect and support scalable in-house ECOM solutions integrated with Authorize.net and CyberSource API's to handle greater than 1200 orders per day with a revenue of over 18 million annually.

04.2013 – 03.2014   **PACIFICAPPS**   Portland, OR

Title: **Junior Developer**
Teams: Action – Mentor: John Kiser, Chief Technology Officer

Summary: Software Developer tasked with learning and improving existing multi-tenancy platform for e-commerce sales of products to tech companies based in the bay area using Microsoft Stack technology.

Involvement: Develop and maintain production level multi-tenant, e-commerce software platform in an Agile environment using ASP.NET 4.5 with Web Forms, C#5.0, T-SQL, SSMS 2012 and Visual Studio 2013.

Conversion of existing legacy webpages from Visual Basic code to .Net 4.5 framework using Visual Studio 2013, C#5.0, Webforms and T-SQL.

Integrate and support conversion functionality throughout customized software and integrating with Authorize.Net API.

Maintain and implement features in an administration portal implemented using Visual Basic code focused at enabling non-technical employee code maintenance for real-time desk support.

Communicate with customer service representatives for requirements gathering and creating business rules resulting in software feature implementations and maintenance using Microsoft Office 365 tools, Business Skype and GoTo Meeting for streamlined communication.

02.2007 – 01.2013   **Legacy Biomechanics Research Lab**   Portland, OR

Title: **Biomechanical Research Engineer II**
Teams: Research and Development Lab – Dr. Michael Bottlang, Director

Summary: Lead test and development engineer in NIH funded, multimillion-dollar research project aimed at solving bone fixation in healthy and osteoporotic patients.

Involvement: Managed successful implant creation, delivery and test methodology producing multiple US FDA approved implants (K101696, K123918, K130810).

Create, develop, file and deliver test results of in-house designed implant resulting in 2 x US patents (US9314286 B2 and US8740955 B2).

Recipient 2010 American Academy of Orthopaedic Surgeons Award of Excellence for in-house implant design.

Collaborate with multibillion-dollar orthopaedic implant manufacturer (Zimmer) to transition pilot data into industry disruptive technology resulting in revenue of greater than 5 million dollars annually (2013).

Sole developer of custom software responsible for all in-house testing and implant development creating custom software using LabView 8.0

Lead teams of research surgeons and students in the development of new and innovate orthopaedic implants and challenge the status-quo of an industry using proven and innovative principles and ideas as guidance.

06.2008 – 08.2008   **Berufsgenossenschaftliche Unfallklinik**   Murnau, Germany

Title: **Honorary Fellow**
Teams: Research and Development Team – Dr. Peter Augat, Director

Summary: Established protocols to govern the mechanical analysis of ovine tibiae in an international setting to measure the torsional strength and stiffness before and after healing determining the effectiveness of customized orthopaedic implants

Involvement: In charge of determining proper testing techniques for destruction testing of specimen using MTS software.

Created and documented test protocols for future process automation, results collection and automation.

09.2006 – 11.2007   **Google**   Remote – Mountain View CA

Title: **Quality Assurance Associate**
Teams: Quality Assurance – no direct supervisor

Summary: Evaluated the accuracy of Google search engine results and web layout effectiveness for web advertising.

Involvement: Gained unique and valuable experience with the UI side of quality assurance.

Communicated remotely through email with interdisciplinary web developers.

09.2006 – 12.2006   **University of Portland**   Portland, Oregon

Title: **Professor Biomechanics**
Teams: Mechanical Engineering Department

Summary: Created and delivered biweekly lectures about design principles and guidelines for orthopaedic implant development to twenty-five upper level mechanical engineering students.

Involvement: In charge of laboratory project creation aimed at giving hands on experience implementing principles discussed during lecture.

Solely responsible for grading, lab creation and content delivery.

ADDITIONAL SOFTWARE EXPERIENCE/INTEREST

Angular 2 thru 4 – Hobbyist/Interest
TypeScript – Hobbyist/Interest,
GIT – Professional/ Hobbyist
Xamarin – Hobbyist (Xamarin.Forms)!
Firebase – Hobbyist (For use with Apps)
Progressive Dynamic Web Apps – Hobbyist/Interest

Meetups Attended:
- Portland Area .NET Users Group (PADNUG)
- Portland Mobile .NET Developers Group (Xamarin)
- PDXnode

PUBLICATIONS (SUBSET OF 10)

1. **Doornink J,** Fitzpatrick DC, Madey SM, Bottlang, PhD; *Far Cortical Locking Enables Flexible Fixation with Periarticular Locking Plates.* J Orthop Trauma 2011 Feb; 25 Suppl 1: S29-34

2. **Doornink, Josef MS;** Fitzpatrick, Dan C. MD; Boldhaus, Sebastian BS; Madey, Steven M. MD; Bottlang, Michael, PhD; *Effects of Hybrid Plating With Locked and Nonlocked Screws on the Strength of Locked Plating Constructs in the Osteoporotic Diaphysis.* Journal of Trauma-Injury Infection & Critical Care: August 2010 – V69 – Issue 2

3. Michael Bottlang, PhD; Daniel C. Fitzpatrick, MD; Trevor J. Lujan, PhD; **Josef Doornink, MS;** Steven M. Madey, MD; *Biomechanics and Use of Far Cortical Locking in Orthopaedic Trauma.* Orthopaedic Knowledge Online Journal; August 2012

4. Bottlang M, **Doornink J,** Lujan TJ, Fitzpatrick DC, Marsh JL, Augat P, von Rechenberg B, Lesser M and Madey SM; *Effects of Construct Stiffness on Healing of Fractures Stabilized with Locking Plates.* J Bone Joint Surg Am. 2010 Dec;92 Suppl 2:12-22

PATENTS, AWARDS, ACCOMPLISHMENTS

Patents: Bottlang M, Keith M, **Doornink J,** Koser AL; Bone Screw with Multiple Thread Profiles for Far Cortical Locking and Flexible Engagement to a Bone. Patent No's US9314286 B2 and US8740955 B2.

Awards: Scientific Exhibit Award of Excellence, American Academy of Orthopaedic Surgeons, AAOS 2010 Annual Meeting. Bottlang M., **Doornink, J**, Fitzpatrick, DC, Marsh, JL, Augat, P, von Rechenberg, B, Lesser, M, Madey, SM Effects of Construct Stiffness on Healing of Fractures Stabilized With Locking Plates

Accomplishments: 4 Implants created by me and my team and approved by US Food and Drug Administration currently being used in trauma centers nationally and internationally.

- K101696, MOTIONLOC SCREW FOR NCB POLYAXIAL LOCKING PLATING SYSTEM (5.0 MM Titanium)

- K123918, MOTIONLOC SCREW FOR NCB POLYAXIAL LOCKING PLATING SYSTEM (4.0 MM Titanium)

- K130810 ZIMMER MOTIONLOC SCREW PERIARTICULAR LOCKING PLATE SYSTEM (4.5.MM SS)

- K130810 ZIMMER MOTIONLOC SCREW PERIARTICULAR LOCKING PLATE SYSTEM (3.5.MM SS)

EDUCATION

Post-Graduate: University of California, Davis
Master's: Biomechanics: GPA: 3.8

Undergraduate California State University, Chico, 2003
Bachelors of Science: Mechanical Engineering: GPA: 3.5

REFERENCES

James Druzdzel: 503.893.4001
Senior Manager of Enterprise Architecture
Wacom Technology Corporation

Trevor Lujan PhD: 208.283.3811
Associate Professor Biomedical Engineering
Boise State University

Nathan Dau PhD: 586.604.4243
Senior Researcher
Biocore

Kyle Wirtz MS: 503.415.1705
Test and Development Engineer
MagCanica

OTHER

Hobbies: Snowboard, Guitar, Home Brewer
Teams Sports: Indoor Soccer, Futsal

Other: Certified Beer Server (2016)
Lived in Argentina, Germany,
Weekend Cheese Server