

Benjamin Rosenbaum

Widdendream Systems LLC

Gartenstr. 35, 4102 Binningen

076-483-0152

benjamin.rosenbaum.dc@gmail.com

26 years of experience in software development and IT, including Lean and Agile process coaching, architecture, design, development, implementation, analysis, requirements specification, and client support, in web development, web services, mobile. SOA, and client/server environments. Worked on projects for hospitals, healthcare finance agencies, banks, entertainment, human resources, and federal, state, cantonal, and municipal government.

Skills

Methodologies	TDD, Lean, Agile, Kanban, Scrum, Human Centered Design, Scaled Agile, Lean Canvas, XP, CI/CD, UML, OOA/OOD, BPMN
Languages	Java, C#, Ruby, Python, JavaScript, Scala, SQL, HTML5/CSS3, JSON, Elm, Haskell, XML, XSLT, C++, C, PHP, Perl, Lisp, Unix shells
Databases	MS SQL Server, MongoDB, Oracle, Postgres, Sybase, MySql
Tools	AWS, Rails, Sinatra, jQuery, WPF, WCF, Linq, ASP.NET, MS Entity Framework, ADO.NET, lodash, Kendo, Gatling, git, Github, Stash, Kanbanize, JIRA, TeamCity, sbt, maven, Subversion, VisualStudio.NET, SharePoint, Google and Facebook APIs, OData, Tomcat/Apache, JRun, IIS, Websphere, JUnit, NUnit, Eclipse, Ajax, Hibernate, mockobjects, httpunit, log4j, NLog, TCP/IP, ODBC, COM
Operating Systems	Linux, iOS, Android, Mac OS X, Windows, Solaris, FreeBSD

Education

Brown University, Providence, RI, USA

B.A., Computer Science, 1991

B.A., Religious Studies, 1991

Certifications

- Scaled Agile Framework Enterprise (SAFe) Program Consultant, October 2015
- Programming in HTML5 with JavaScript and CSS3, Microsoft, February 2014
- Certified Java 1.4 Programmer, Sun Microsystems

Experience

Widdendream Systems LLC

03/2016 to present

Senior Software Architect

Washington, DC; Basel, Switzerland

Client DC Health Benefit Exchange

Environment Ruby, Rails, Sinatra, AWS, MongoDB, Java, iOS, Android

- Led a distributed team in developing native iOS and Android mobile apps for healthcare brokers and individual enrollees.
- Gathered requirements, did agile process management, acted as product owner, wrote Ruby and Java code.
- Supported three project teams in adoption of Lean/Agile processes including Kanban boards and CI/CD.
- Coordinated APIs, processes, and SOA between various teams within the Health Benefits Exchange.

Courage LLC

09/2015 to 03/2016

Senior Innovation Program Manager

Washington, DC, USA

Clients Office of the Chief Technology Officer, DC Government

Environment Lean/Agile coaching, Kanbanize, Python, JavaScript, lodash

- Helped establish DC's Technology Innovation program, providing strategic consulting to align OCTO's project portfolio with mayoral priorities.
- Applied Kanban, Scaled Agile, Lean Canvas, and Human Centered Design techniques to projects including prototype citizen involvement and criminal justice oversight websites.
- Contributed to citywide Open Source and Open Data initiatives.

Learning Objects

06/2014 to 09/2015

Software Engineer V

Washington, DC, USA

Clients Elsevier, Sage Education, Café Learn, Lumen Learning

Environment Java, Scala, PostgreSQL, Tomcat, REST, Angular, Gatling

- Developed personalized learning software including adaptive assessments and competency-based learning.
- Worked closely with customers, including top medical publishing house Elsevier.
- Provided technical leadership, mentoring other developers, and establishing standards.
- Drove company-wide adoption of software best practices such as increased automated unit and integration testing with data conditioning.

itsystems AG

Member of Technical Staff

*07/07 to 06/14
Basel, Switzerland*

Clients Merien-Iselin Hospital, Roche, Eucomed, Paul Scherrer Institut, City of Zurich, City of St. Gallen, Manor, Migros, Safruits

Environment .NET, C#, MS SQL Server, Web Services, HTML5, Javascript, JQuery, WPF, XSLT, SharePoint, MatchPoint

- Technical lead for ProcessPoint, a Business Process Documentation system (BPMN/Flowchart).
- Spearheaded agile development techniques, introduced Kanban.
- Consulting, design, architecture, and implementation on a variety of custom software solutions (document management, collaboration platforms, web applications, data aggregation) for large, medium and small clients in medical, pharmaceutical, government, and retail sectors.

Avenity

Technical Architect

*12/06 to 06/07
Reston, VA, USA*

Environment .NET, C#, MS SQL Server; Java, Oracle; Web Services, DHTML

- Designed and led development of a web-service based .NET reimplementations of a client's flagship public agency risk management solution, incorporating agile development practices and TDD.
- Helped design and implement Java-based custom web storefront, data analysis, and data management solution for one of the world's largest HR companies.

Computer Intelligence Associates

Architect

*09/05 to 12/06
Washington, DC, USA*

Client District of Columbia Office of the Chief Technology Officer

Environment .NET, C#, MS SQL Server, Web Services, DHTML, CSS, SOA

- Designed and led development of a greenfield transportation permit issuing application, integrating with legacy systems, creating significant cost and time savings for utilities, business users, and government employees.
- Spearheaded adoption of Agile, TDD, incremental releases.

Compuware Corporation

Professional Services Division Staff

*09/03 to 08/05
McLean, VA, USA*

Client National Science Foundation

Environment Java, Struts, Sybase, JRun, Solaris, JavaScript, Perl, C/C++, XSLT

- Analyst, architect, team lead, Java/J2EE expert on web-based funding, grant and document management system with over 300,000 external users.
- Championed TDD, modern development tools, automated builds, and best practices.

COMIT Financial Systems AG

Senior Consultant

*07/99 to 09/03
Basel, Switzerland*

Environment Java, PL/SQL, C++, JavaScript, Perl, XSLT, Tomcat/Apache, WebSphere, CORBA, Oracle, Solaris, Windows

- Helped design and develop of loan processing, account management, real estate valuation and credit rating applications for major Swiss banks.
- Championed code reuse, TDD, Design Patterns, CI/CD, open source, XML, UML, coding standards.
- Mentored 20-30 Java programmers across 3-5 projects.

Digital Addiction

Software Architect, Project Technical Lead

*11/97 to 02/99
Laurel, MD, USA*

Environment Visual C++ , MFC, Windows 95/NT; C, Perl, PHP, MySQL, Apache, IRC, Linux, FreeBSD, Solaris

- Leading a small team, designed and developed a head-to-head, turn-based internet strategy game, 'Sanctum', based on collectible digital objects.
- Developed components for user interface, game logic, client/server communication with TCP/IP sockets, account management, database access, matchmaking, load balancing, collectible digital object trading, and e-commerce.
- Sanctum was awarded '1998 Online Game of the Year' by Game Industry News.

CareerBuilder

Software Engineer

*11/96 to 04/97
Reston, VA, USA*

Environment Visual C++, MFC, MS SQL Server, Windows 95/NT

- Developed user interface, client/server connectivity, internet connectivity, and text search components for a Human Resources Management product, "Team Builder 2.0 ("Top Product of 1997", Human Resource Executive magazine).

Brilliant Nite Software

Project Architect

*05/94 to 10/96
McLean, VA, USA; Bern,
Switzerland*

Environment Delphi, Visual Basic, Borland C++/OWL, Windows 3.1 and 95

- Researched, designed, and prototyped an international multilingual small-business accounting system.

Books that Work

Software Engineer

*12/92 to 05/94
Palo Alto, CA, USA*

Environment

Borland and MPW C++, Windows 3.1 and Macintosh

- Developed 3D graphics libraries, user interface, and knowledgeable CAD objects for award-winning do-it-yourself products combining multimedia and user-friendly 3D design.

Ancillary Skills

- Native English speaker, fluent in German, proficient in Italian
- Have published nonfiction, fiction, and poetry in major websites (e.g. Motley Fool, Tor.com), national print magazines (e.g. Harper's, F&SF, Nature), best-of-the-year anthologies, and a college textbook; stories translated into over twenty languages; finalist for the Nebula, Hugo, World Fantasy, BSFA, and Sturgeon fiction writing awards.
- Board member (and President for two years) of a local synagogue, 2008-present.

References

Available on request