BILL PATTERSON
Laramie WY
bill@driftwood.studio
www.driftwood.studio

Expert Mobile Developer (iOS/Android)
Java-Enterprise WebApp Developer
Agile Leader

- 10+ years mobile app development
- 10+ years experience in enterprise server + web-application development
- Concentrations in iOS, Android, complex web application stacks
- Experienced development team lead

SKILLS

Technical:
iOS (swift/objective-c), Android (kotlin/java), java frameworks (Spring, Hibernate, JSF, etc), AWS, Cloud Services, Web Services; Java Script, X/HTML, JSON, XML; Python, PHP.

Process:
Mobile development, Agile/Scrum, OOP design principles and patterns, object-relational mapping, relational database schema design and SQL, web services and SOA systems, enterprise web-application design.

Education: BS in Computer Science and Philosophy (dual major), Rensselaer Polytechnic Institute, Troy NY.

EXPERIENCE

Freelance Mobile/Software Developer (as Driftwood Studio)   **5/2011 − Current**

Contract and project-based software development; concentrated in iOS mobile development, but also delivered Android native and ReactNative-based apps. Twenty client apps built, delivered, released.
See: www.driftwood.studio

Time Warner Cable, Advanced Tech Group West, Broomfield CO

Advanced Technology Group is responsible for all major software development for the company's cable plant infrastructure, video/telecom services and in-home set top boxes.

Scrum Master   **10/2010 − 5/2011**

    Assumed primary responsibilities as scrum master for Prelude project: agile development team of 11 developers and testers. Successfully coordinated team to full field release of first version of product.

Senior Software Engineer (TWC)   8/2007 - 5/2011

"Conductor" project: Large web application for TWC division administrators.

Technologies: Java, JavaScript, HTML/CSS, Struts, JSP, Ajax/XHR, Spring, Dojo, GWT, web services, some JSF, Selenium, Ant, Red Hat, JBoss, IntelliJ/Netbeans/Eclipse.

"Prelude" Project: Pilot project to move to server-based application model with thin clients. Real-time, high-volume and high-performance scalable server application with millions of set top boxes as display tier.

Technologies: Java 6, Spring 3.0, TestNG, JMS, Solr/Lucene, CXF web services, Guava, JUnit, Maven.

Intrado Inc, Longmont CO   12/2006 — 7/2007

Senior Software Engineer, Team Lead

Provider of 911 and e911 emergency services for national telecoms.

Developer and team lead (5 devs) on real-time high-performance logging/analysis subsystem for 911 emergency call systems software. Agile development environment.

Technologies: Java, J2EE, spring, tomcat, several apache components, eclipse, hibernate, Oracle.

The Spitfire Group, Longmont CO   3/2006 — 12/2006

Senior Technical Specialist

Technology consulting firm specializing in business flow analysis and agile development of custom software. Developers were direct customer facing with minimum 10+ years consulting experience.

Technology consultant and Java architect/developer on multiple enterprise applications.

Technologies: J2EE, OC4J/Oracle, Struts, Javascript/DOM, Spring, Hibernate, JSP, Ant.

Lockheed Martin (via CSC contract), Denver CO   2005 — 3/2006

Software Developer

The space systems launch division designs and builds satellite launch systems.

General development of misc data migration systems, process coordination tools, web service data publishing system. Extensive use of Oracle databases.

Technologies: Java/J2EE, C/C++, Oracle, Apache, Tomcat, VB, MySql.

LogicSpark Inc., Bennington Vermont   1999 — 2004

Lead Developer/Architect

Startup focusing on software-as-a-service applications. Designed and built several niche-market custom web applications, as well as core reusable API's in Java (700+ classes) and JavaScript (6500+ lines of code) and all the supporting SQL schemas and queries.

Corporate Software Development Trainer, NY (Contracts)   1993 — 2004

Corporate trainer teaching multi-day and multi-week classes for corporate clients, generally working as a subcontractor for training providers. *Formerly Microsoft Certified Trainer (MCT).*

Free-Lance Software and Web Developer, New York   1992 — 1999

Contract development and consulting projects, mainly using Windows-based technology solutions (SQL Server, ASP, VB, etc) and web standards (HTML/DHTML, JavaScript, Front-Page and Cold Fusion, etc). Extensive work with UNIX system administration.