

## David B. Pearson

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### LEAD SOFTWARE ENGINEER

Hands-on strategic Android Lead Software Engineer with extensive success developing enterprise mobile applications. Transforms business requirements into innovative technical solutions while building and leading high-performing engineering teams. Drives adoption of cutting-edge technologies and development practices that enhance application performance, security, and user experience. Delivers scalable mobile solutions that streamline operations and increase customer engagement.

### SKILLS

Languages: Java [J2EE, EJB, servlets, JDBC, JNDI, Swing, AWT] (advanced) | Kotlin (intermediate) | XML (advanced) | SQL (advanced) | PHP (intermediate) | HTML (expert) | CSS (intermediate).

Software packages: Android | Gradle | Oracle/Sun JDK | JRun | JDOM | XMLEC | Ant | Apache | Microsoft SQL Server | ColdFusion Enterprise Server | Oracle | Netscape Enterprise Server | JBoss Application Server | WebSphere Application Server | WebLogic | Visual Age for Java | Eclipse/WebSphere Studio Application Developer | JBuilder | JDeveloper | JUnit | Struts | Tiles | Spring | Hibernate | DB2 | HTMLunit | Selenium | EasyMock | mockk | Android XR. | Glassbox | AppDynamics

Operating Systems: Windows | Mac OS | Solaris | Linux (Red Hat, Ubuntu) | Android.

### WORK EXPERIENCE

**Wells Fargo**, San Francisco, CA

**July 2010 – Present**

**Lead Software Engineer**, February 2022 – Present

Lead the implementation scrum team for Wells Fargo mobile applications, providing technical leadership, managing development processes, and coordinating with business stakeholders to deliver high-quality mobile banking features. Coding 90% / Leading 10%.

- Hands-on implementation scrum team lead developer. Lead 2 iOS developers, 1 Android developer and 3 software development engineers in test through story grooming, implementation, code reviews and testing.
- Advise business analyst in requirement and acceptance criteria grooming.
- Advise scrum master on what stories are ready for inclusion in development sprint and production publishing.
- Collaborate with business partners to suggest new functions that could enhance the Wells Fargo Mobile application, several were accepted and put in to production (e.g., Android In-App Updates, Pre-Authentication Forced Upgrade notification, Android App Shortcuts/iOS Quick Actions, Android App Links/iOS Universal Links).

**Android Platform Lead / Lead Software Engineer**, May 2016 – February 2022

Technical lead guiding the department's developers to ensure compliance to development and security guidelines. Mentored staff. Coding 50% / Leading 50%.

- Grew the Android development team from a staff of 6 to 80.
- Strategic planning and design of multiple Android applications.
- Led the design and implementation of reusable components to be used across the multiple applications.
- Hands-on development of application features and Gradle build system.
- Coordinated with the Android Lead Developers on project design and code reviews.

- Worked with the other Platform Leads (iOS and Windows Phone) to develop a cohesive road map for all three platforms.
- Directed multiple Proof-of-Concept projects to evaluate new features and technologies and how they could/should be integrated into the Android applications.

**Android Lead Developer / Application Systems Engineer, April 2011 – May 2016**

Lead developer on the Wells Fargo Mobile Android application. Coding 75% / Leading 25%.

- Oversaw the Android development performed by the Android development team including, project design and code reviews.
- Grew the Android development team from a staff of 1 to 6.
- Managed day-to-day support of the Wells Fargo Mobile Android application in both production and pre-production.
- Coordinated Android application support for other development teams.
- Researched, designed, and developed the Mobile Deposit feature of the Wells Fargo Mobile Android application.
- Developed all native components of the Android tablet experience.
- Converted use of Google Maps for Android from v1 to v2. Developed features for the Wells Fargo mobile retail banking applications.
- Designed and implemented prototype and proof-of-concept Android applications for NFC Banking, Click-To-Call and Google Glass.

**Application Systems Engineer (contractor), July 2010 – April 2011**

Member of the mobile web application development team. Coding 100%.

- Worked on adding the features of Inter-Financial Institution monetary transfers and person-to-person monetary transfers in the Via Email or Mobile tools. Various maintenance and enhancements.
- Designed and implemented a BlackBerry App World accessing script to download and verify the integrity of the Wells Fargo BlackBerry app.
- Performed continuing maintenance on the Wells Fargo Android application.
- Environment and Tools: Android, Tomcat, WebLogic, Eclipse, Struts, Beehive, Windows XP, HTMLUnit, Selenium, EasyMock.

**ADDITIONAL RELEVANT EXPERIENCE**

**Santa Rosa Junior College, Santa Rosa, CA**  
**Adjunct Faculty**

**Bricsnet FM, Novato/Petaluma/San Francisco, CA**  
**Sr. Software Engineer**

**Federal Reserve Bank San Francisco, San Francisco, CA**  
**Sr. Java Developer (contractor)**

**Charles Schwab, San Francisco, CA**  
**Sr. Java Developer (contractor)**

**Williams-Sonoma, San Francisco, CA**  
**Lead Developer (contractor)**

**Charles Schwab, San Francisco, CA**

**Sr. Java Developer (contractor)**

**Hall Kinion & ICplanet, San Rafael and Petaluma, CA**  
**Web Engineer**  
**Contractor**

**AbsoluteAuthority.com, San Jose, CA**  
**Contractor**

**Fair, Isaac & Co., Inc., San Rafael, CA**  
**Senior Software Developer**  
**Web Application Developer**  
**Analytic Products SAS Programming Services Manager**  
**International Analytic Products Team Leader**  
**Production Programmer**

**VOLUNTEER EXPERIENCE**

**Selective Service System** **November 2015 – Present**  
**Local Board Member**

**Auxiliary Communication Service,** **February 2017 – Present**  
**Sonoma County Department of Emergency Management**  
**Member – South County Unit**

**The American Radio Relay League** **November 2018 – Present**  
**Volunteer Examiner**

**CERTIFICATIONS**

- Microsoft Azure Fundamentals (Certification number: 24IB17-E44529).
- Sun Certified Programmer for the Java 2 Platform.