



LEO PELEKH

CTO, Architect, Developer

SUMMARY

CTO and Software Developer as well as Enterprise, Application and Data Architect, with extensive experience in planning, design, implementation and delivery of large-scale web and mobile applications and strategic, mission critical enterprise solutions

SPECIALTIES

Technical leadership and hands on implementation of distributed, multi-tier and mobile software. Agile software development methodologies including SCRUM, behavioral and test-driven software development

Enterprise Architecture and Applications Delivery including planning, defining, development and delivery of Business Intelligence, Market Data Processing, Metadata, Statistical Software, Reference Data Management

CONTACT

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CAREER ACCOMPLISHMENTS

Record of successful leadership of technical teams, stewardship of technology strategy, rapid and successful application delivery including:

Freelance Application Architect, CTO and Software Developer

Contract Lifecycle SaaS, Social Mobile App, NSF Experiment Control Package, Social Apartment Search Web App,

Principal Enterprise Application Architect at Federal Reserve Bank, Fannie Mae

Business Intelligence, Market Data Capture and Analysis and Security Master, Enterprise Metadata

EXPERIENCE

Freelance Application Architect, CTO and Developer

May 2015–October 2019

Provided Virtual CTO and Development Lead service to start ups. Including:

Defined Technical Strategy

Architected, Designed and Lead Implementation, with emphasis on security, availability and data resilience

Tech Lead including DevOps with emphasis on latest best practices

Hands on coding and resolution of hard problems

Recruited and Managed Technical Staff

Investor/Vendor/Partner Relations

Technologies: React/Native, Node.js, JavaScript, WebPack, Bootstrap, DocuSign, MySQL, Heroku, Nightwatch.js, Selenium Web Driver

Methodologies: Test Driven Development, Continuous Integration

Fannie Mae

Enterprise Metadata Architect

February 2013–May 2015

As an architect, designer, lead developer and evangelist of Fannie Mae's Metadata program I had implemented a Metadata solution that become the centerpiece of Fannie Mae's Enterprise Data program.

Accomplishments:

Researched, evaluated, lead proof of concept, designed and implemented an enterprise metadata tool including ETL, data scanners and GUI extensions. Designed Metadata Models, Data Lineage process and tools.

Technologies: Informatica Metadata Hub, Power Center, B2B Data Transformation Studio, Ab Initio Metadata Hub, Oracle RDBMS

Federal Reserve Bank of New York
Principle Enterprise Applications Architect
October 2009–October 2013

Lead architect and tech lead on three successful multi-year strategic projects: Business Intelligence, Market Data Capture and Analysis and Security Master. Researched, evaluated, conducted proof of concept and led implementation by a team of SMEs. Designed security, availability, scalability, data integrity, monitoring, reporting, auditing, back up, archiving and disaster recovery.

Accomplishments:

Enterprise Business Intelligence Solution including permissioned analyses and metadata repository, governance processes, administrative auditing, RDBMS and Statistical Tool integration

Time Series Data Management Solution including integration of real time and batch data feeds and integration with Business Intelligence Tool

Security Master Solution including access control and data deployment and promotion utilizing managed service model architecture

Technologies: Tibco Spotfire Suite, One Market Data OneTick, Broadridge, Golden Source Securities, Oracle 11G, Red Hat Linux Enterprise

Freelance Application Architect, Developer and CTO
November 2006–October 2009

Architected, designed and led development of web applications and software

Accomplishments:

Experiment control package for National Institute of Health. Employed Test Driven Development methodology with over 500 unit and integration tests with 90% code coverage. Delivered in 6 weeks with minimal defect rate

Real estate social network web application that combines aspects of social networking, user generated content and mobile technologies

Proposal Management SaaS used by some of the largest advertising firms

Technologies: Ruby on Rails, C#, F#, ASP.Net, MSSQL, MySQL

Lab 49

Lead Architect and Software Engineer
November 2004–November 2006

Led teams, architected, designed and implemented solutions for large investment banking clients.

Accomplishments:

Securitized mortgage marketplace for top mortgage trading firm. Marketplace facilitated publication of securitized mortgage products information, product analysis and order placement and processing

P&L solution used by dozens of hedge fund clients for Prime Brokerage department of top investment bank. The application facilitated calculation of profit and loss on equity positions and integration with risk management systems

OpenText

Principle Software Architect and Engineer

January 2001– November 2004

Analyzed, architected, designed and coded the main offering -- a leading business process management solution used by 7 of 10 top Insurance, 16 of 20 top banks, and Social Security Administration

Accomplishments: Designed and implemented Goal Management Subsystem – a business analytics, beaconing, reporting and configuration automation facility

Designed and implemented Corporate Calendaring Subsystem – an analytics package that measured business process metrics

EDUCATION

New York University

January 1998– November 2002

BS – Computer Science

VOLUNTEER EXPERIENCE

Venture with Impact

Humanitarian mission in Lima, Peru – technology, music education

Team Rubicon

Hurricane Disaster Recovery Wharton, Texas, Panama Beach Florida

HOBBIES

Music performance and production, blockchain applications. bicycle touring, mountain hiking