

Jeffrey Lunger

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Over the course of my career I've worked on everything from mobile device applications to large, enterprise-level server ecosystems. I am proficient at learning new skills as demanded by whatever project I am currently involved in.

SKILLS

WEB DEVELOPMENT	Java 2EE, Servlets, Web Services, RESTful Services, JavaScript, PHP, Node.js, Ruby/Rails, Amazon AWS, JSON, Spring, Docker
MOBILE DEVICE DEVELOPMENT	Android, iOS, Java, React Native, Objective-C
DATABASE PROGRAMMING	Microsoft SQL Server, Oracle, PostgreSQL, T-SQL, PL/SQL, MySQL
DESKTOP APPLICATION DEVELOPMENT	C/C++, Object Pascal, .NET
SCRIPTING	Perl, Python

EXPERIENCE

Simple Machine Technologies

Founder Jun 2015 - Present

Software consulting to suit all needs. Mighty works are our speciality.

- Developed and provided end-to-end support for custom Android app that manages and improves quality assurance in electric motor repair shops
- Wrote support documentation for application end users
- Organized user group meeting with clients to gather requirements and potential feature enhancement information

Arcweb Technologies

Senior Software Engineer Apr 2015 - Present

Arcweb Technologies is a digital product development company focused on the finance and healthcare industries, and our mission is to build products people love.

- Managed team of developers to create a service to predict train arrival and departure times in the Philadelphia area
- Developed a Rails-based website to optimize the efficiency of an intermodal freight transport system using a smart phone based market system
- Created a media delivery system for financial institutions that incorporated social media analytics and tools to assist in regulatory compliance
- Implemented OAuth and SAML authentication mechanism within existing client application
- Oversaw upgrade of Django framework for in-production web application system
- Head of organization-wide Agile user story writing guide creation

M3 USA

Senior Java Developer Jun 2015 - Mar 2015

M3 provides physicians and other healthcare professionals with clinical education, the opportunity to participate in market research projects, and new career opportunities.

- Provided the impetus and knowledge to move company to an automated application deployment mechanism built around Git, Jenkins, and a custom built web-based administration system.
- Wrote Docker-based middleware to syndicate medical article and conference coverage data to subscribers.

- Built infrastructure for containerized microservice management
 - Implemented OAuth provider for the diverse international M3 community of websites.
 - Managed communications between distributed developer teams and authored software meant to keep registration processes compliant with European Union PII laws.
 - Designed and implemented advertisement click tracking mechanism to gather targeting data for analysis and retargeting.
 - Wrote scripts to perform keyword tokenization of medical journal articles for storage in a Solr index for use in site search optimization.
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IBM-Fiberlink

Senior Software Engineer Sep 2013 - Jun 2015

Fiberlink, an IBM company, delivers enterprise mobility management and security solutions for organizations of all sizes.

- Worked as an engineer designing and implementing new features for a high demand, cloud-based mobile device management platform.
 - Part of the production troubleshooting team.
 - Designed systems to integrate the MaaS360 Mobile Device Management platform functionality with third party Enterprise systems.
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Bridgeway Software

Product Architect Apr 2006 - Sep 2013

Provider of enterprise legal management solutions for high-performing corporate and government legal departments.

- Member of the design and implementation team for a new prototype web application framework built using Node.js
 - Worked as part of the development team for Bridgeway's eCounsel/Secretariat software suite, a web based matter management system written in Java and deployed using Tomcat, in implementing both client and server side aspects of the project.
 - Lead designer and sole developer of Copper, a Java based extensible task management framework built around the Quartz Enterprise Job Scheduler. Developed additional custom extensions for this system that provided email notifications and calendaring and tasking services through Microsoft EWS for third party applications.
 - Wrote a cross platform ad hoc report authoring tool around the Business Intelligence and Reporting Tools (BIRT) reporting system.
 - Served as a lead developer for the Bridgeway Email Link software project, a Java based IMAP server extension that provides data replication of Bridgeway Suite data through IMAP email clients.
 - Provided leadership and guidance to teams developing software products and integration services.
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EIS/Thomson Elite

Software Engineer Jun 2000 - Apr 2006

Thomson Reuters Elite offers an end-to-end Enterprise Business Management Solution that allows law firms and professional services organizations to run all operational aspects of their firms, including business development, risk management, client and matter management, and financial management.

- Was part of the development team for Thomson Elite's 3E Business Optimization Suite software using VB.Net and JavaScript.
 - Planned, wrote specifications, and implemented server and client side components of the billable hour timekeeper system.
 - Wrote functional and design specifications for new product features and software components. Worked in a team to modify and finalize these specifications.
 - Designed and implemented a Windows based B2B data processing system meant to work in conjunction with third party applications to facilitate automatic e-invoicing.
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LawManager

Product Architect May 1997 - Jul 2000

LawManager provides legal case management software to large corporate and government legal departments.

- Developed and maintained the codebase for both LawManager.Pro, LawManager's flagship legal case data and management desktop application for large corporate and government legal departments, and LawManager.Web, LawManager's web-based version of the same system. Redesigned key portions of the existing code and implemented many new features to expand software's overall power, stability, and usability.
- Designed and implemented key parts of CM Foundation and CM Financials, LawManager's base case management systems, including matter workflow, invoicing, and entity management subsystems.

- Implemented business logic for systems to facilitate the interfacing of LawManager case management software with third party products such as DocsOpen, DM5, iManage, WestLaw, Elite Encompass and many others.
 - Converted large and complex client legacy databases for use with LawManager case management software using the Perl scripting language.
 - Administrated and maintained client database systems.
 - Provided direct client service and support through site visits.
 - Designed reports using Crystal Reports authoring software.
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Gnostech

Software Engineer Jan 1996 - Nov 1996

Gnostech Inc. is a system engineering, small-business DoD contractor that has been providing quality products and services since 1981.

- Implemented automatic data acquisition and analysis software for airflow test stands and system calorimeters designed to measure capacity and efficiency of air conditioning and heat pump equipment.
- Wrote system simulations using MATLAB software.
- Company subcontract technical representative.
- Appointed project leader for and oversaw execution of Chinese software localization projects.

EDUCATION

Temple University

- Jan 2001

Bachelor of Arts, Summa Cum Laude - Religion

LANGUAGES

English

Native speaker