Resume: Gregory L. Smith

Contact Information
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Skills	Technology	Years Experience	Last Used
Backend	Java/Spring/JEE/Tomcat/Weblogic	20+ years	Current
	Python/Flask	5+ years	Current
	JavaScript/Node	20+ years	Current
	REST/SOAP/XML/JSON	20+ years	Current
Frontend	React/Angular/Struts/JSP/HTML/CSS JavaScript/TypeScript	5+ years	2019
AWS	EC2/Lambda/Route53/S3/RDS/IAM/API/ CloudFront	5+ years	Current
	ElasticSearch/Pulsar	1 year	Current
	Polly/Rekognize	2+ years	2021
Database	RDBMS Oracle/MySql/Postgres	20+ years	Current
	NoSQL Hadoop/DynamoDB/MongoDB	2 years	Current
Operating Systems	Linux/Unix/MacOS	20+ years	Current
SDLC	Agile/Scrum Certified/Kanban	10+ years	Current
Domains	DoD/Financial/Digital Marketing/ Publishing/Embedded Systems		
Other	ML/Bootcamp/Algorithms Github	5+ years	Current
Education	BS: Computer Science	Rensselaer Troy, NY	
	MS: Computer Science	VCU Richmond, VA	
	PostGrad: AI/Machine Learnin	VCU Richmond, VA	
Certifications	Oracle Certified Professional	Java SE 7	2013
	SAP Certified Professional		2016
	Full Stack Development Instructor	MERN	2019
	Data Visualization Instructor	Python/Anaconda	2022
Hobbies	Microcontrollers/Novel Writing/Writing Coach/Improv Comedy	20+ years	Current
Learn More	http://greg-smith.com		

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Experience:

03/2022 – Present: Vertex, Inc. (Contractor, JPC Partners)

Technical Lead, Contractor

- Managing Sales Tax Calculations, OSeries/Calc engine
- Java 8/11/17
- AWS/Lambda/EC2/DynamoDB/RDS/CloudWatch
- REST/Micronaut/Pulsar

11/2021 – 02/2022: MindSource, Inc. (Contractor)

Lead Java Programmer, Contractor

- Spot-fixing technical debt in Java Enterprise Software
- Sonar/OWASP/Whispers/Secrets
- AWS/Lambda/ES/SQS/SNS

3/2021 – 11/2021: NCI / NIH (Contractor, Essex Management)

Lead Software Engineer, Scrum Master

- ElasticSearch based web app in support of cancer research
- Python/Flask, AWS/Lambda/ES/SQS/ECS/SNS

6/2019 – 3/2021:Agile Frontiers, LLC (Self)

Freelance Consultant and Bootcamp Instructor

- **Local Radio Today** (**Jan 2020**)
  - Fully automated streaming radio station
  - Fully Automated Digital DJs, Newscasters
  - Node.js, Puppeteer, AWS S3/EC2/Polly/SES/Lambda, Icecast
- **John Deere**: Technical Coach (**Jun-Oct 2020**)
  - Performed Agile Maturity Model review
  - Created TDD instruction plan
  - Delivered TDD instruction to over 75 engineers and managers
- **Talent Path**: Java Assessment and Remediation (**May-Jun 2020**)
  - Created assessment for Java Skills Gaps
  - Created course of remediation for 15 Java Coders
  - Results: 40% increase in Java Knowledge
- **University of Richmond/2U**: Bootcamp Instructor (**Sept 2018-Dec 2020**)
  - 6-month cohorts
  - Full Stack Development (MERN Stack, MySQL/Mongo, Express, React, NodeJS)
  - Data Analytics (MySQL/MongoDB, Python, Jupyter, JS, NodeJS, D3.js, Plotly, Tableau)
- **NAIWE.com**: (**Dec 2019-Dec 2022**)
  - **National Association of Independent Writers and Editors**
  - 300+ WordPress Member Site
  - Project Manager of Offshore frontend rebuild
  - Rebuild of internal WordPress site
- **Editorial Inspirations** – WordPress maintenance (**Dec 2019-present**)
- **PDI** – Data Visualization project (Plotly, D3.js, Tableau) (**Jan-Feb 2020**)
- **Virginia Writers Club**, NPO (Website selection, Video Conferencing, Security) (**Jan-Dec 2018**)
- **Barefoot Spas** (AWS support, algorithm development) (**Oct-Nov 2019**)

10/2016 – 6/2019: Capital One (FTE)

Tech Lead, Java Developer / Small Business Card, Digital Marketing

- Rebuilt the COS Online Payment System for EASE. Account Managers and Authorized Users
- Managed marketing website for Spark Small Business Card
- AWS (Lambda, S3, EC2), Microservices

- GitHub, Jenkins, Node.js, Tomcat, Neustar, Ensighten, Google Analytics, Oracle 12c
- Java, JavaScript, AngularJS, TypeScript, HTML and CSS

2/2015 – 10/2016: Northrop Grumman (FTE)

Senior Software Engineer / Java Developer

- Java programming in support of Global Combat Support System / Army. GCSS-Army is an enterprise resource planning (ERP) and logistics application that tracks the varied materials that the Army uses to defend the nation. **Everything from bullets to butter**.
- JBOSS-5, Java 6, 7, 8, SAP/MaxDB, Angular-JS, Bootstrap.js, JQuery, Visual Basic, SQL Server

11/2013 - 2/2015: Capital One, Richmond, VA (Contractor, Iron Source)

Contractor, Software Engineer / Java Developer

- Financial Services, Inc hosted the Card Online Servicing system and web site. The minimum turnaround-time for a change to the web site was 6 weeks. Capital One determined to rewrite the system in Java/JEE and host it on their own servers (Weblogic, Tomcat).
- Java, JEE, Weblogic, Spring, Coherence/Hazelcast Cache, Jenkins, Agile SAFe,, Javascript, JQuery, Angular/JS, Maven, Eclipse, Oracle 12c, Ruby, Cucumber, Selenium

7/2012 – 10/2013: Advanced Systems Development (FTE)

Senior Engineer, MECC Cloud Computing / Java Developer

- After 9/11/2001 it became clear that the reason the good guys couldn't connect the dots to prevent the bombing was because the data was spread around in data silos. DCGS is an attempt to bridge the gap between these information silos.
- Worked on DOMEX data (Fires/Blueprints and Harmony/HUMINT) that needed to be searchable in the NoSQL Accumulo cloud.
- **Wrote cloud search algorithms** including Document Partition Index, Shingle Index, as well as Z-Order Buffer Geolocation index that were created with Map/Reduce jobs.
- Java, Javascript, Jenkins, OWF, VMWare, Mac OS X/Linux, Accumulo, ZooKeeper, Hadoop, Spring, Maven, Eclipse, Subversion, Hudson, Oracle 12c

11/2011 – 7/2012: Federal Reserve (Contractor, VACO)

Software Engineer / Java Developer

- Tech Lead, Architect, Database Separation
- Architected COBOL replacement, retrained legacy COBOL programmers in Java, lead the Agile development team, acted as Agile player-coach.
- Java, J2EE, Spring, Spring Batch Processing, JSP, Fed's internal “Framework”, Eclipse, Synergy, Hudson, MySQL

1/2011 – 10/2011: Defense Logistics Agency (Contractor, Technatomy)

Software Engineer / Java Developer

- Converted over 100 ABAP/SAP scripts to PL/SQL.
- **Wrote compiler to translate ABAP/SAP code to PL/SQL**
- Maintained Adobe Flex/Flash dynamic reports
- Java, JSP, Flex, Flash, ABAP, PL/SQL, Eclipse, Oracle 11g

4/2009 – 12/2010: MTCSC (FTE)

Software Engineer, Team Lead / Java Developer

- Technical lead for MarineLink's web-based front end.
- GXT: Google’s GWT for the server-side Javascript + Sancha's Ext-JS for the component model.
- Java, JBoss, AJAX, GWT/GXT, JavaScript, Eclipse, Web Services, Oracle 11g
- **Received Manager's award for starting Java Working Group**

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11/2008 – 3/2009: CapTech Ventures (FTE)

Software Engineer

- Howard Hughes Medical Institute collaboration Web Site
- AJAX programming, XHTML, JavaScript, Yahoo! User Interface (YUI), JBoss Portal, JSR 168, JSR 286, Spring MVC Portal

1/2005 – 10/2008: Genworth Financial (FTE)

Software Architect / Team Lead / Java Developer

- Tech Lead for 6-member development team.
- Designed 6 web services and an Aggregator web service that would make the 6 disparate systems look like one coherent whole.
- Estimated value of Broker web site: $1B in sales
- Increased Dalbar (insurance web site) rating from **46 (low) to 25 (high) in one release**
- Team Subgroup Leader on Talent Development Task Force.
- **Received Prestigious Ovation Award**
- AGILE / Scrum development, Java, J2EE/Struts/Tiles Website Development,
- JSF / Spring / Weblogic, Web Services, AXIS, Flex, Acord XML, Oracle 10g

3/2004 – 12/2004P Dominion Va Power (Contractor, Corestaff)

Contractor, Software Engineer / Java Developer

- J2EE Website Development, EJB Development
- Wrote JSP/HTML/Javascript/Servlets in WebLogic
- **Created Code Generator to create Java code implementing DAO/DTO design patterns**
- BEA WebLogic, Java, Tomcat, Wiki, EJB, Struts, JSP, Servlets, Eclipse IDE, Together Soft IDE, JavaScript, HTML, XML, Oracle 10g