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I'm an INTJ personality, business and delivery-oriented, seeking a remote position at a smaller company. I've done many many systems including five commercial products and six startups. I can be onsite 4 hours per week in Portland or once per month on the West Coast. I have no interest in coding tests, trick questions or extended group interviews. Past a certain point they become ridiculous and dogmatic. Most companies hire developers for conformity and obedience now, not so much to write software.

- 1) In my first position, I worked on [IBM and Federal grant projects at Boise State](#) for five years. I did R&D work on the first mobile/wireless systems which was quite successful and the final Federal grant was \$5 million per year over three years for [production deployment to 40 State agencies](#).
- 2) I developed CRM software from 1998 to 2000 at [Saleslogix](#) and was the architect for [SupportLogix](#).
- 3) In 2000, I joined an [e-commerce project at Avnet](#) to migrate their mainframe to distributed J2EE. I volunteered for a large layoff in 2003 and moved to corporate consulting for experience and career advancement. I had success at [Boeing](#) and Aetna but these were often adversarial jobs.
- 4) Around 2014 I shifted back to smaller companies and more hands-on development.
- 5) I've done six startup environments (FHWA, [Saleslogix](#), Sunhill, [Gloo](#), [DLVR](#), [Sila](#)).

Achievements

2018: Delivered a crypto-currency MVP in 100 days with AWS/java and ethereum, codebase had an [scc value](#) of \$1.3 million and the company recently received [\\$7.7 million in venture capital](#)

2017: Migrated an analytics system to AWS Redshift processing 300 million records per day.

2005-7: DEFCON presentations on data-mining and memetic manipulations ([like 2016 election](#)):
[2007 Click Fraud Detection](#)
[2006 Meme Hacking the Ideosphere](#)
[2005 Meme Mining for Fun and Profit](#)

2004-2010: Created RealMeme.com, the basis for [Google's Trends tool](#)

2003: Code review and testing of the [Digital Money Trust](#), a Bitcoin predecessor.

2001: Avnet CM's [first J2EE app, Quote2Order](#) (\$1.5 billion in orders in first year).

1996: Letter Of Commendation from U.S. Secretary of Transportation for ASPEN mobile app.

1994: BSU Student Employee Of the Year for [ASPEN & ISS](#), one of the first [mobile systems](#) for USDOT with predictive analytics ([Inspection Selection System](#)) which was [quite successful \(abstract, pg iv\)](#).

1983: [#1 world-wide rank on Xevious arcade game](#), I still hold #4 rank.

Selected Projects

- [Federal Highway R&D Project from 1992-1996](#)
- [Multi-tenant systems, 1996-2018](#)
- [CRM and call center software, 1998-2000](#)
- [Ecommerce and sales systems, 2000-2003](#)
- [Insurance Project for mutual fund management, 2004](#)
- [Insurance Project for policy automation, 2006](#)
- [Health insurance system prototype, 2008](#)
- [Killing a \\$20 million project, 2008](#)
- [Mobile payment system infrastructure, 2011](#)
- [XSD schemas and cable systems, 2013](#)
- [Simple analytics system for wellness startup, 2014](#)
- [IoT mobile digital currency proposal, 2014](#)
- [Model-Driven Node, an SAP-scale design for node.js, 2014](#)
- [Code exercise with Node.js, AWS and Couchbase, 2016](#)
- [Json Schema example for OTT video startup, 2016](#)
- [Redesign exercise of a crypto system, 2018](#)
- [Home security side project, 2020](#)

Experience

Senior Software Developer

Wiline Networks, Vancouver, WA

Nov 2019 – Feb 2020

Reworked a VOIP project which was shelved five years ago. Added code coverage tool (Scoverage) and metrics. Converted it to an Eclipse project (sbteclipse plugin), replaced hand-written test methodology with ScalaTest + JSON tests (reduced 1400 tests down to 500 and increased code coverage from 33% to 85%), replaced database layer and library with ScalaLikeJDBC, reduced codebase by 30%, added in SBT script to validate/build automatically.

Scala, Scala IDE for Eclipse, Play, AKKA, SBT, Postgres, Asterisk

Senior Software Developer

Contract at Nike

June 2019 – Sept 2019

Maintenance of a micro-auction platform with extreme variations in demand (200 to 5,000 messages per sec), performance metrics and tuning.

AWS, java, Netflix OSS, Jenkins, New Relic

Architect

Sila, Inc (startup)

June 2018 – April 2019

Employee #2 at a fintech startup and responsible for technical design/implementation including REST API for developer's SDK of 30 Lambda functions in java, created database schema and RDS entries, Cloud Formation templates, set up all security including IAM definitions, Yubi hardware keys, security policies, created SNS/SQS queues, created API Gateway definitions for website domains. I installed Datadog's AWS version for analytics. Delivered a minimum viable product in 100 days, designed and coded about 75% of the beta release.

java, python, AWS Lambda/IAM/SQS/RDS/Cloud Formation, jsonschema, Ethereum, jenkins.

Personal

July 2017 – May 2018

My father died in 2014, then my sister in May, 2017 and I spent a year in Boise on estate issues.

Senior Software Engineer

DLVR – Seattle, WA

Mar 2016 – Sept 2017

Real-time analytics platform for OTT video optimization. Developed frameworks for flat-file configuration management (300 Ubuntu servers), token authentication for CDN providers, monitoring (Datadog API), dockerized entire DLVR stack for integration testing, maintenance on custom stream processor (java, Elasticsearch, MaxMind geo database, redis). I duplicated this processor in AWS using several Lambda functions, Kinesis and Redshift for higher scalability, wrote a client sync program using SNS/SQS. The platform runs globally with 12 petabytes of video per month (12 million+ daily sessions), 3 billion Elasticsearch records when I left.

Tools: JSON schema, java, C++, Clion, DataDog, AWS SQS/SNS/Kinesis/Redshift/Cloud Formation, Saltstack, Docker, Jenkins, Redis, Elasticsearch

NodeJS Engineer

Staples Development Labs (Motion Recruitment Partners) – Seattle, WA

Jan 2015 – Dec 2015

Migration of a java e-commerce platform (Websphere Commerce Suite) to open source microservices at a top 10 e-commerce site (Staples). Four contracts for new SEO system to manage two million product records using node.js, couchbase, mongodb, sql server with kafka as a service bus. I wrote real-time ETL processes, managed VMWare tier, wrote puppet scripts, rewrote a Selenium framework.

Tools: node.js, VMWare, couchbase, mongodb, puppet, github, kafka, DB2, RHEL, Ubuntu

Architect

ShazzleMail – Scottsdale, AZ (startup)

July 2014 – August 2014

Short-term contract to add [anonymous payment system to a mobile messaging product](#) using IoT technologies. I did research, costing, design, sequence diagrams, roadmap for an offshore team, aimed towards higher security, scalability and guaranteed delivery with DDS (data distribution service, machine-to-machine protocol).

Tools: RTI DDS toolkit, java, MySQL

Analytics Engineer

gloo.us – Boulder, CO (startup)

Oct 2013 – Mar 2014

Took over a prototype analytics system (play/akka/redis/kafka/storm) for a religious health & wellness startup. Eventually replaced it with a more appropriate system using Node.js & a time-series postgres

database. Did implementation towards HIPAA compliance. Developed semantic analytics using postgres text search.

Tools: Storm, Redis, Kafka, Zookeeper, Postgres, Node.js, Github, Highcharts, InfluxDB

Architect

Oxford International – Denver, CO

May 2013 – Aug 2013

Contract for Cablelabs – Refactoring prototype web services into an [open source project](#) for cable set top box integration with mobile devices and back office data. Created an xsd testing concept which I turned into the [Model-Driven Node project](#).

Developer

Insight Global – Falls Church, VA

Aug 2012 – Jan 2013

Contract for DoD - Electronic Healthcare Record enterprise service bus for Interagency Program Office, prototype to merge DoD and VA health care systems. I automated deployment and configuration of WebSphere suite, API development for service governance, DIACAP certification (RHEL hardening).

Senior Development Expert

Amdocs (QPass) – Seattle, WA (former startup company)

Aug 2011 – March 2012

Maintenance on PAAS system running one million daily financial transactions for commercial telecom customers. Developed [JMX 2.0 client/server](#) foundation for [new cloud platform for mobile payments](#) (a simplified analogy of AWS FarGate).

Application Architect

Yurcor - Hartford, CT

Oct 2010 – June 2011

Two Contracts at Aetna - Technical oversight & thought leadership for a case, disease and utilization management (CM, DM, UM) application transacting 1 million+ requests per day; Developed ExtJs migration plan for 300 jsp pages, proof-of-concept code, presentations for governance boards.

WebSphere Architect

KRG Technologies - Bothell, WA

Mar 2010 – July 2010

Contract at T-mobile Center of Excellence – Technical audit of on-going WebSphere Application Server / WebSphere Commerce Suite (WCS) 6.0 conversion targeting one million requests per day

Senior Technical Architect

Infosys - Bellevue, WA

Dec 2007 – Oct 2008

Assigned to Boeing to improve the skill level of Infosys employees at Boeing. I developed proof-of-concept call-center apps for five offshore teams (approx forty people), code reviews, hiring interviews, Web 2.0 initiatives, wrote Adobe BlazeDS messaging system.

Senior Java Architect

Modis - Sunrise, FL

Jan 2007 – May 2007

Contract at Sheridan Healthcare - Principal architect for redesign of an [AS/400 health insurance application](#) to J2EE / SOA. Did technology evaluations & presentations for executive officers, hiring interviews, created design, Velocity-generated prototype, ERD diagrams,.

Senior Consultant

SPR - Bellevue, WA

Nov 2005 – April 2006

Contract at Unigard Insurance – Redesign/coding of several applications into [one Struts application](#).

Senior Consultant

Prolifics – NYC, NY

May 2005 – Sept 2005

Assigned to Verizon – Technical audit of J2EE ringtone system migrated from iPlanet to Websphere.

Assigned to JPMorgan Private Bank – Project manager for small Websphere 3.5 migration.

Senior Consultant

Meridian Technology Group - Portland, OR

Feb 2004 – Oct 2004

Assigned to Standard Insurance – design and development of a [fund management tool](#).

Assigned to Nike – created classes & sequence diagrams for a retail web catalog & sales tool.

Application Developer (startup company)

Sunhill Software - Scottsdale, AZ

Aug 2003 – Jan 2004

Redesigned a supply-chain management application, JNDI & JMX integration with Weblogic.

Senior Systems Developer

Avnet CM - Tempe, AZ

Sept 2000 – Aug 2003

Senior Systems Developer – Part of a 60-member team to migrate a cobol mainframe. We created the first J2EE environment, e-commerce apps, web services, single sign-on using JAAS.

Lead Developer

Saleslogix - Scottsdale, AZ (startup company)

Aug 1998 – Aug 2000

Team leader for new commercial product, SupportLogix.

Maintenance of Saleslogix architect tool.

Maintenance of Saleslogix CRM software for mobile systems.

Staff

Boise State College of Technology (COT) - Boise, ID

Oct 1991 - Feb 1997

Interim Director of IT (1996-1997) – managed the COT network and small staff

Principal Programmer(1992-1996) - completed two US DOT grant projects (ASPEN / ISS) leading to \$15 million 3-year nationwide expansion.

PC Coordinator (1991-1994) - Built the COT LAN including routing hardware, server administration.

Education

240+ college units of mostly quantitative studies

Boise State University, 1990-1994, B.A. degree in Computer Information Systems, 3.5 GPA

Pierce College, 1986-1989, A.S. degree in Electronic Engineering, 3.9 GPA

Industry Training

JavaOne Conference, 1999 (paid my own way)

JavaOne Conference, 2000 (paid my own way)

Sun Certified Java 2 programmer, 2001

Certified Websphere Commerce Suite 5.6 specialist, 2003, 2005

Agile training 2010(Aetna), 2011 (Amdocs)

MongoDB Seattle conference, 2011 (paid my own way)

2011 Global Mobile and Cloud Conference (Redmond, WA)

Cloud Computing Revealed sessions at City of Bellevue, WA, 2011

CloudFair 2012 conference (paid my own way)

[10 Positive Traits Of Autism](#)