David M. Lin

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Objective

Looking for an opportunity to chat with your orginazation about interesting things happening and how my knowledge of coding, troubleshooting, and testing will be fully utilized. Bringing expertise in HTTP, SAML, OAuth 2.0, (Clojure), Java, AWS, and API management.

Summary

Yogi, gardener, and software engineer. I work for a software and healthcare company who makes it easy for people to make educated choices about their health care options.

With a strong ability to research and solve complex issues independently, I am a self-motivated individual who learns new technologies quickly.

Currently working on microservice projects using Clojure, Python, and Java with test frameworks such as Cucumber, Gatling, jUnit, WireMock.

Experience

Software Engineer   July 02 2012 - Present
Kyruus (acquired HSQ (acquired Prism in January 2014) in April 2021)   Frisco, TX; Portland, OR

- Under Construction...
- Coordinated CI/CD, CircleCI, xMatters, Jenkins,
- Implemented SAML, SSO implementations as a SP; Keycloak, Red Hat SSO,
- Strengthened APIs with OAuth 2.0; certified by HITRUST standards
- Headed an API program/management; developer engagements, customer reports, customer analytics
- Built and Operated the API program V2; Developer Hub, API gateway, Ngnix,
- Administered our API program V1; external facing APIs, Apigee Edge, JavaScript, Groovy, JMeter.
- Monitored and Formalized the health of the services, repos,
- Refined a Geocoding service: Microservice, Java, Sprint Boot, DynamoDB, Cucumber, AWS, Docker.
- Developed projects in Clojure, Lein, Datomic, docker,
- Engineered serverless projects in Python, AWS SSK, Lambda function, SQS, SNS,
- Programmed projects in Java, Elastic Search, AWS,
- Accelerated and Delivered projects with Standardized testing strategies utilizing WireMocks, jUnit, Cucumber, Gatling performance,
- Mastered Project management software: JIRA, Confluence, Team Foundation Server.
- Expedited our Search performance: Solr, Asynchronous operations, In-Memory caching, Stored Procedure optimization.
- Developed Web applications with the Model-View-Controller (MVC) architectural pattern.
- Operated SSO (Single Sign-On) security implementation: Security Assertion Markup Language (SAML).
- Resolved Website issues with various tracing and logging technologies: ELMAH, MiniProfiler, Firebug, SAML tracer, SoapUI, dotMemory, Apigee trace tool.

Interactive Web Developer and Business Analyst   November 2008 - June 2012

- Met with clients to discuss their software needs and provide solutions to integrate our CMS/POS website into customers' day-to-day IT operations. An interactive web developer/BA role.
- I'm updating this section to generalize what I learned from this job. But all the technologies here are either outdated or I simply don't remember them.
- Simply put: I did C#, ASP.NET, and SQL Server stuff

Web Developer   May 2007 - November 2008
Amensys Inc.   Plano, TX

- At Amensys, we developed an internal management application that is an intranet web-based application.
- Created presentation layer and developed the ASP.NET user and custom controls.
- Applied Microsoft Enterprise Library's data access application block in data access layer.

Technical Skills

- Java
- Spring framework
- HTTP
- Clojure
- Lein
- AWS: CloudWatch,
- SNS, SQS,
- Lambda,
- Elastic Search
- Kibana
- Cucumber, Ruby
- Visual Studio Code
- Gatling, Scala
- Python
- Elastic Search
- DynamoDB
- Datomic
- Apigee Edge
- Datadog
- OAuth2
- Maven
- Gradle
- JaCoCo Code Coverage
- JUnit 5
- JUnit 4
- REST
- RESTful, HTTP-based APIs
- Stateless Facade
- Microservices
- cURL
- Postman
- ngnix
- SAML(SSO)

Historic Technical Skills

- C#
- SQL
- LINQ
- Redgate memory profiler
- Redgate SQL search
- Groovy
- Tomcat
- .NET Framework
- jetbrains dotmemory
- Solr
- JMeter Load Testing
- Firebug (my fav)
- IIS
- JavaScript
- AngularJS
- Bootstrap
- SQL Server
- Oracel
- PostgreSQL

Education

Electrical Engineering; Specialized in Digital System Design: programing IC Chips   May 2007
Southern Methodist University   Dallas, Texas