

Summary

- In-depth experience in .NET, Java, Java EE, JavaScript, Python and SDLC environments: proficient in developing desktop applications and web applications;
- Professional experience in enterprise application architecture, SOAP/REST web services in both Java and .NET environments, distributed systems, Kafka, Cloud services (GCP/AWS), Message Queue, JMS, Apache Camel, Karaf container, OSGi, SOA, enterprise service bus(ESB), enterprise systems/application integration(EIP), and Splunk/Loki/Prometheus/Grafana,
- Knowledge of Data Structures, Algorithms, and Software Development Lifecycle (SDLC)
- Collaborate easily with co-workers and works well independently. Proven resourcefulness to identify, analyse, and solve problems. Self-motivated and able to learn on own initiative and quickly to new technology and knowledge.

Professional Experiences

Awards: Winner of 2021 Q3 DoubleVerify “All In” best employee

Senior Software Engineer II at DoubleVerify Jun. 2019-Present

- Developed Ads programmatic platforms to satisfy strict technical requirements of 3ms response time for the 99% percentile and over 200 billion Ads auctions/day
- Developing new architectures to improve stability, scalability, and availability of Ads prebid systems
- Played a critical role in developing and maintaining the high concurrent, scalable, and distributed systems involved in many tech-stacks: Kafka, NIO web servers, Chronicle, Vertica, Snowflake, Spark, GCP, et cetera.
- Collaborated with PMs and built the first and best Ads Authentic Brand Safety(ABS), Contextual Targeting(CT), and Connected TV(CTV) pre-bid verification systems
- Designed and implement several concurrent cloud applications running on K8s

Application Developer at MSIG Holding (Americas) Feb. 2017-Jun. 2019

- Developed ESB/EIP in Java/Scrum environment to integrate legacy enterprise applications with new applications; Involved in many area, from the front ends UX/UI(Guidewire Claim Portal), middle wares, ESB, to back ends databases, etc.
- Designed enterprise architectures with high concurrence, scalability and maintainability
- Played leading-role in design and development of CXF web services/APIs, ActiveMQ message queue systems, OSGi Karaf container, and .NET work flows to integrate various Guidewire insurance systems and Laserfiche systems etc.
- Developed .NET applications to automate the process of insurance documentations.

Senior Developer at Direct Success Inc., Farmingdale, NJ Jan. 2016-Feb. 2017

- Created .NET windows applications used by the pharmacy. Developed extensions in C# for CPR+, a pharmacy management software.
- Developed web applications/services/APIs in C#, ASP, and Scrum environments. Developed Alert Services Application for reminding patients to fulfil prescriptions, Pharmacy HUB for transferring patients' prescriptions, Extra Step Assurance for medical cannabis dispensaries, and Vetlocity dashboards

Senior Developer at Anichem Inc., North Brunswick, NJ Apr. 2010- Jan. 2016

- Developed ISSolution (<http://www.issolution.com>)
- Developed ASP.NET MVC web application and .NET desktop applications

Internship at ENZO Biochem, Farmingdale, NY Jun. 2009-Dec. 2009

- Developed the bioinformatics for drug discovery using SAS and SQL Server; Development of computational chemistry of molecular modelling.

Personal Info



Metuchen, NJ



631-880-8358



<https://diastereomer.github.io>



diastereomer@gmail.com



<https://www.linkedin.com/in/enantiomer/>



<https://github.com/diastereomer/>

Education

Ph.D.

Computational Organic Chemistry
State University of New York at
Stony Brook, May 2010

B.S.

University of Science and
Technology of China, Hefei,
China, September 2003.

Skills

Service-Oriented Architecture (SOA),
Application Architecture,
Web Services,
Agile Methodologies,
SOAP/Rest,
Java/Groovy
C++/C#/.NET/ASP.NET,
Spring Framework,
Apache Kafka, Ignite, Helios
Docker/Kubernetes
Maven, Gradle, Ant
JavaScript/Node.js/JQuery,
HTML/CSS/Bootstrap,
Apache Camel, Apache Karaf,
ActiveMQ,
TypeScript/Angular,
ESB/EIP,
OSGi,
XML/XSD/XSLT,
SQL/NoSQL/Snowflake/Spark
Python,
Scala,
TFS/Git
AWS/GCP,
Splunk/Grafana/Prometheus/Loki