Jay Bisa

Senior Software Engineer

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EXPERIENCE

Wayfair, Boston, MA — *Senior Software Engineer*

SEPTEMBER 2017 - PRESENT

Built scalable .NET web services to determine ship and delivery date predictions, by taking into account supplier performance metrics, lead times, and other operational factors.

Architected data pipelines (C#, BigQuery, and Kafka) analyzing supplier performance metrics to adjust supplier lead times and 2-day delivery guarantee badges on site. Improved performance by 160% compared to the previous SQL based pipeline.

Architected Wayfair Automated Lead Time, a C# application containing several algorithms (created with business partners), to adjust supplier lead times based on supplier performance. Currently manages 35% of dropship suppliers partnered with Wayfair.

Gave presentations on building analytical systems using BigQuery, microservices architecture, Kafka, Jenkins, test driven development, and other engineering concepts.

Wayfair, Boston, MA — *Software Engineer*

FEBRUARY 2016 - SEPTEMBER 2017

Helped build a PHP Web API to integrate credit card payment processing through the Paymetric Payment Gateway. This API was used for all of the Wayfair lifestyle brand websites, as well as the iOS and Android apps.

Led implementation and launch of Apple Pay on mobile web upon its iOS 10 release using Apple Pay JS API. Developed the only (at the time) guest checkout solution using Apple Pay to improve customer experience.

Veracode, Burlington, MA — *Software Engineer*

MAY 2013 - JANUARY 2016

Helped build Software Composition Analysis platform, which identifies vulnerabilities within third-party components in Enterprise Applications. Platform was built using Java (RESTful APIs), SQL, and AngularJS.

Improved static analysis scheduling algorithm to distribute jobs more efficiently amongst various servers, which led to faster scan times for customers.

EDUCATION

Syracuse University, Syracuse, NY — *MS, Computer Science*

SEPTEMBER 2011 - MAY 2013

Worcester Polytechnic Institute, Worcester, MA — *BS, Biomedical Engineering*

SEPTEMBER 2006 - May 2010

Minor: Electrical & Computer Engineering

TECHNICAL SKILLS

Software Development
C#
Java
SQL
Apache Kafka
Google BigQuery
Redis
Aerospike
Kubernetes
Docker
Test Automation
Design Patterns
Git

SOFT SKILLS

Leadership
Mentoring
Teamwork
Interpersonal Skills
Communication
Adaptability
Problem Solving
Creativity
Work Ethic
Time Management