

# JAYAVIJAY JAYAVELU

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## EDUCATION

### Master's in Computer Science

August 2016 – May 2018

*Illinois Institute of Technology, Chicago*

### Bachelor of Technology in Information Technology

August 2009 – May 2013

*Anna University, Chennai*

## SKILL SET

- Languages : C#, JavaScript, Java
- Front-End : Vue.js, Vue CLI, Axios, Webpack, AngularJS, jQuery, Bootstrap, HTML5, CSS3
- Frameworks : Entity Framework, .Net Core, Moq, NUnit, OAuth 2.0
- Azure Services : App Service, SQL DB, Functions, Cosmos DB, A API Management, Application Gateway, Blob Storage
- Architectures : Microservices, Micro Frontends, Event Driven

## EXPERIENCE

### ShipBob, Inc. – Ecommerce Fulfillment & Logistics Company

#### Senior Software Engineer - Chennai, Tamil Nadu, India

December 2022 – Present

- Developed new infrastructure for our mid market merchants who wanted to take leverage of Section 321 regulations.
- Created a new micro frontend application for the entire transportation domain which takes care of the whole labeling, managing carrier services etc.

#### Software Engineer III - Chicago, Illinois, U.S.A

August 2021 – December 2022

- Developed new infrastructure for integrating and syncing new orders from our B2B vendors using a third party EDI connector service.
- Revamped the B2B order creation process by breaking the old monolith project and moving it to its own micro frontend service for easy maintenance and migration to Vue.js 3.

#### Interim Engineering Manager - Chicago, Illinois, U.S.A

May 2021 – July 2021

- Managed and updated the existing version of our inbound receiving process to help us deprecate the old flow and be able to add new label features along with it

#### Software Engineer II - Chicago, Illinois, U.S.A

December 2018 – April 2021

- Added logic to accommodate external fulfillment centers into our existing application by validating all the essential endpoints through new identity server claims, thus avoiding displaying unnecessary data to external fulfillment center employees and clients.
- Created an Azure function to calculate the estimated arrival date of an order based on when it was created and hosted it on a web job which would be called when the order status changes using a queue trigger.
- Proposed a new architecture design to handle the ShipBob Fulfillment Network, which would essentially be integrated with User Account Management, therefore giving us the advantage of customizing the visibility of ShipBob Fulfillment Centers at the user level.
- Updated the warehouse receiving portal's UI and backend by removing all the dependencies off the solution and refreshed UI using Vue.js
- Upgraded the customer portal's UI and improved the overall stability of the application by migrating it from AngularJs to Vue.js and wiring it with the backend using JavaScript.

#### Software Engineer Intern

January 2018 – May 2018

- Enhanced the inventory management system and improved the maintainability of the application. Technologies used were Vue.js, JavaScript and .Net Entity framework.
- Developed an algorithm to figure out the shortest path to travel in the warehouse to fulfil the orders using the bin formula.

### Wipro Technologies - Indian Multinational IT Services & Consulting Firm

January 2014 – March 2016

- Developed a web application to keep track of the attendance and efforts of Free Pool employees. Technologies used were Struts 2.x, JSP, Tiles framework for front-end with MVC Architecture and Oracle 11g.
- Worked with ANZ Bank on a Server Migration Project at design stage. This project consisted of migrating an application from Windows 2000 to Windows 2012 platform, upgrading the JAVA version from 1.5 to 1.7 and changing the application's security module from Spring Security to SPNEGO.
- Developed an admin application for CITI to maintain underwriter policies using AngularJS, REST, HTML5, JQuery, CSS3, JavaScript.

## PROJECTS

- Android Projects: [News Gateway](#), [Stock Watch](#)