

# Darshan Simha

Residence Status: **Canadian Permanent Resident (Living in North York, Ontario)**

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## CAREER HIGHLIGHTS

- Over 5 years experience in building large scale, distributed enterprise Java applications
- Two years experience in building microservices
- Over 5 years of experience in UI technologies like HTML5, CSS3, JavaScript / Typescript(ES6), AJAX and UI frameworks like Angular, Backbone and JQuery
- Two years of experience with the Salesforce.com service platform
- Dealing with performance and memory optimization on a daily basis

## WORK EXPERIENCE

Adobe Inc, Bengaluru, KA, India.

August 2017 — Ongoing

### Member of Technical Staff 2

- Full stack developer for "Adobe Media Optimizer" in the Adobe Ad Cloud.
- Developing REST APIs in Java using Spring Boot framework
- Worked on debugging SQL queries for performance optimization
- Working on developing the UI in Angular 2/4/6
- Implement seamless cross-browser user experiences
- Implementing Caching in both the UI (IndexedDB) and the Java back end (Redis)
- Working on web components and TypeScript (ES6)
- Researching and implementing Progressive web applications and it's benefits
- Experience with build tools like Gradle, Maven, Webpack, Brunch and Gulp

Caterpillar Inc. Peoria, IL, USA

July 2016 — Aug 2017 (Returned to India)

### Senior Associate Engineer

- Full stack developer and UI team lead for "Caterpillar Flash Over the Air" application
- Developed native mobile applications using Apache Cordova
- Developed an enterprise single page web application using AngularJS
- Worked on developing microservices using RabbitMQ message broker for a system following event drive architecture on the Microsoft Azure platform.
- Worked with the Salesforce.com service platform
- Full stack developer for Product Link Web and Dealer Services Portal. Using Backbone.js for the UI and Java for the REST Api's
- Full stack developer working with the Salesforce.com platform and Angular 1.x for developing interfaces for products like Product Link Web and Dealer Services Portal.

Caterpillar India Pvt. Ltd. Chennai, TN, India

Feb 2014 — June 2014

### Project Intern

Developed user interfaces using the Backbone.js framework and JQuery for "Product Link Web". Built a dashboard to monitor and report system performance.

Blackberry Ltd. Chennai, TN, India

July 2013 — Oct 2013

### Intern

Worked on developing applications on the Blackberry 10 platform as a part of kick starting the launch of the new Blackberry platform.

Enelek Power Pvt. Ltd. (IIT-Bombay) Mumbai,  
MH, India

June 2013 — July 2013

**Intern**

Worked on building a learning management system for IIT-Bombay professors to interact with the industry professionals using PHP, MySQL and JQuery

Desto Creative Solutions (IIT-Madras) Chennai,  
TN, India

July 2012 — Jan 2013

**Intern**

Worked on building the official company website, developing plugins on the Wordpress platform and developing a web application to track and monitor tasks for a team.

JH Softech Hyderabad, TL, India

May 2012 — July 2012

**Intern**

Worked on developing a web application for accounting and feedback management system to store and respond to customer and supplier feedback.

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## MY WEB PRESENCE

- [My GitHub Handle](#)
- [www.desto.in](http://www.desto.in)
- [www.jhsoftech.com](http://www.jhsoftech.com)
- [www.sriradhakrishnadillers.com](http://www.sriradhakrishnadillers.com)
- [www.coursewave.org](http://www.coursewave.org)

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## SKILLS

- Java , J2EE, JSF, Struts, JSP, Tomcat, Servlets, JUnit, Spring Boot, RESTful API design, Swagger, Hibernate, JDBC, RabbitMQ
- Oracle, SQL Server, MySQL
- Microsoft Azure, Restful Services, Microservices
- Salesforce, Apex, Visualforce, Triggers
- Apache Cordova, Phone Gap
- HTML 5, CSS 3, JavaScript, Typescript , ES6, jQuery, Ajax, Angular.js (1.x to 6.x), Backbone.js
- Maven, Gradle, Git, Jira, Jenkins, Brunch, Gulp, Webpack, Agile / Scrum

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## EDUCATION

Bachelors of Technology in Computer Science  
and Engineering

July 2010 — May 2014

**Vellore Institute of Technology (VIT)**

GPA: 8.08 (10)