

# Darshan Simha

Residence Status: **Canadian Permanent Resident**

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## CAREER HIGHLIGHTS

- Experience in building web applications using Angular 7
- 6+ years of JavaScript experience building web applications using jQuery, HTML and CSS
- Experience with browser API's and optimizing front end application performance
- Extensive emphasis on unit testing and test driven development using Jasmine, Karma and Istanbul
- Moderate experience with distributed messaging system using Kafka
- Experience with developing applications with Docker Compose
- Experience developing applications with NodeJS and its libraries like Express and SocketIO

## WORK EXPERIENCE

Adobe Inc, Bengaluru, KA, India.

August 2017 — Ongoing (Moved to Toronto)

### Member of Technical Staff 2

- Full stack developer for "Adobe Media Optimizer" in the Adobe Ad Cloud.
- Building large scale configurable/extendable UIs
- Working on developing the UI in Angular 2/4/6
- Implement seamless cross-browser user experiences
- Follow the TDD approach with developing new features, i.e integrating tests with CI/CD (Jenkins) framework
- Developing REST APIs in Java using Spring Boot framework
- 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 2014 — Aug 2017 (Returned to India)

### Senior Associate Engineer

- Full stack developer and UI team lead for "Caterpillar Flash Over the Air" application
- Lead a team of 4 developers whilst in the US
- Working with a distributed team in the US, Phillipines and India
- Developed an enterprise single page web application using AngularJS
- Worked on developing microservices for a system following event driven architecture on the Microsoft Azure platform.
- Used ActiveMq for data gathering from multiple sources
- 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

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

[GitHub](#)   [www.desto.in](http://www.desto.in)   [www.jhsoftech.com](http://www.jhsoftech.com)   [www.sriradhakrishnadrillers.com](http://www.sriradhakrishnadrillers.com)   [www.coursewave.org](http://www.coursewave.org)

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## SKILLS

- **Languages:** JavaScript, Java, TypeScript, HTML5
  - **Cloud Technologies:** Docker, Docker Compose, Microsoft Azure
  - **Distributed Systems:** Kafka, RabbitMQ
  - **UI Libraries:** Angular 7, BackboneJS, AngularJS, CSS, JQuery
  - **Java Libraries:** Spring, Hibernate, Swagger, JUnit
  - **Node JS Libraries:** ExpressJS, NestJS, Kafka-Node, Socket.IO
  - **Database Technologies:** PostgreSQL, Redis, MySQL
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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)

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