Darshan Simha

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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
Senior Member of Technical Staff

- Full stack developer for "Adobe Media Optimizer" in the Adobe Ad Cloud.
- Currently working in distributed notification system using Node JS, Kafka and Socket IO
- Building large scale configurable/extendable UIs
- Working on developing the UI in Angular 7
- 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 benifits
- 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 enteprise single page web application using AngularJS
- Worked on developing data streams following event driven 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

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.

MY WEB PRESENCE

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

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:** Express.JS, NestJS, Kafka-Node, Socket.IO
- **Database Technologies:** PostgreSQL, Redis, MySQL

EDUCATION

| Bachelors of Technology in Computer Science and Engineering | July 2010 — May 2014 |

Vellore Institute of Technology (VIT)

GPA: 8.08 (10)

LANGUAGES KNOWN

English   Hindi   Kannada   Telugu   Tamil