

SAHIL BHALLA

MS in Computer Science at University of Florida

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EDUCATION

Master of Science - Computer Science

University of Florida

📅 Aug 2019 - present

📍 Gainesville, FL

- **Relevant coursework:** Mathematics for Intelligent Systems, Distributed Operating Systems, Advanced Data Structures, Analysis of Algorithms, Virtual Computers.

Bachelor of Technology in Computer Science

Manipal University Jaipur

📅 Jul 2012 - May 2016

📍 Rajasthan, IND

- **CGPA:** 7.44 (scale of 10)

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Salesforce

📅 Jun 2020 - Aug 2020

📍 Indianapolis, USA

- Migrated the A/B testing application to Docker and Kubernetes, responsible for email traffic of 6 Billion emails a month.
- Worked on NodeJs & Express user stories and bugs. Designed and developed Splunk Dashboards, Unit Tests and Automation Tests for the marketing Cloud.

Software Engineer 2

Dell

📅 Feb 2019 - Jun 2019

📍 Bangalore, IND

Software Engineer 1

📅 Jul 2016 - Jan 2019

Software Engineering Intern

📅 Jan 2016 - Jul 2016

- Built the Dell Black Friday sales dashboard for holiday sales.
- Built multiple big data dashboards, on the Hadoop platform, for digital order management.
- Built a realtime order-journey dashboard, that tracks orders stuck in processing. Helped resolve order holds worth 3 Million USD.
- Optimized logging for the Dell Commerce Platform, resulting in an increased efficiency of 97%.
- Developed an email and text message alerting mechanism that notifies stakeholders if order holds go above statistically defined thresholds

Web Development Intern

DRDO

📅 Jun 2015 - Jul 2015

📍 New Delhi, IND

- Designed and developed the login and network monitor module for a naval wargame dashboard, while implementing secure salted password hashing.

PROJECTS

P2P Tapestry Network

- Implemented the Tapestry infrastructure to build a peer-to-peer overlay routing network service, offering efficient, scalable and location-independent routing of messages.

Nesting & Recursive Virtualization

- Researched the performance impact of multilevel recursive virtualization between Azure and VMWare, by nesting 3 VM's inside each other.

Voice Recognition Media Player

- Designed and developed a cross platform and device, voice recognition media player that plays offline and online media. HTML5, CSS, JavaScript, NodeJS

In-Browser video caller

- Built a web application that allows one to one or group video calling from within any HTML5 browser, with increased efficiency over traditional market solutions. Used webRTC, HTML, CSS, JS

SKILLS

- **Web Tech:** HTML5 CSS3 SASS
ECMAScript6 PHP ReactJS
AngularJS Bootstrap JQuery
Knockout D3.js
- **Languages Tools:** JavaScript C#
C/C++ Python SQL Java Hadoop
Hive Imapala Spark Tableau
Jupyter

AWARDS/ACTIVITIES

- Made open source contributions to Firefox, available in production.
- Graduate Student Assitant with the NASA Florida Space Grant.
- First Position in Dell AI Hackathon, 2nd in Data Labs hackathon, 2nd in Dell Commerce Hackathon.
- National Technical Coordinator for Gramiksha, a pan-India NGO.