

# Hari Vikas Janarthanan

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 Total Experience: 4.5 years  Available for Full-time starting January 2019

## EDUCATION


**Northeastern University**, Boston – MA

College of Computer and Information Science

Candidate for **Master of Science in Computer Science**

Related Courses: Network Security, Algorithms, Managing Software Development, Foundation of AI

Sep 2016 – Present

 **GPA: 3.76 / 4**  
**Graduation: Dec 2018**

**Anna University**, Chennai, India

Bachelor of Engineering in Electronics and Communication Engineering

May 2013

 **GPA: 8.06 / 10**

## SKILLS



<b>LANGUAGES</b>	JavaScript, C#.NET, Elixir/Erlang, TypeScript, Python
<b>WEB TECHNOLOGIES</b>	Phoenix (Elixir), Express/Node.js, ASP.NET MVC, SharePoint 2016, HTML / CSS
<b>FRAMEWORKS</b>	React, Angular 4, Bootstrap, D3.js, jQuery
<b>DATABASE</b>	Mongo DB, MS SQL, MySQL

## WORK EXPERIENCE (4.5 Years)

**Tulip Interfaces Inc.**, Somerville, MA

May 2018 – Aug 2018

Designation: **Software Developer Intern** | Role: **Full Stack Web Developer**

- Developed a web application to configure an IoT gateway using React front-end, Phoenix / Elixir back-end.
- Extensively worked with customized 'Yocto' Linux build to manage IoT gateway functionality.

**GMO**, Boston, MA

May 2017 – Dec 2017

Designation: **Front Office Developer Co-op** | Role: **C# Web Developer**

- Developed responsive, real-time (using SignalR) web applications using Angular 4, Bootstrap 4, ASP.NET MVC.
- Created custom widgets and extensions in Qlik Sense BI tool using D3.js

**Northeastern University, College of Computer & Information Science**, Boston, MA

Nov 2016 – Apr 2017

Designation: **Research Assistant** | Role: **Front-end Developer**

- Developed frontend web applications using AngularJS and ParseJS to access and manage research data.
- Built hybrid mobile applications using Ionic Creator and cognitive games using LimeJS JavaScript game engine.

**TATA Consultancy Services (TCS)**, Bengaluru, India

Aug 2013 – Jul 2016 | 2 Years 10 Months

Designation: **Systems Engineer** | Role: **SharePoint Developer**

- **Web Developer** – Developed web applications in ASP.NET and SharePoint 2013.
- **Architect** – Analyzed requirements and feasibility, designed architecture and implementation strategies.

## KEY PROJECTS

**WriteMe.md** | [Angular 5, Bootstrap 4] | <http://writeme-md.herokuapp.com> | <https://github.com/hrivks/WriteMe.md>

- Online README.md markdown editor for GitHub. Supports all Git Flavored Markdown formatting.
- Create and push content directly to Git, supports images, icon search, glyphs, tables, lists, code snippets, YouTube videos.

**Semi-Chord** | [D3.js] | <http://meetvikas.net/projects/semi-chord/demo> | <https://github.com/hrivks/semi-chord>

- Developed an interactive and Api driven SVG based chart library to create half chord diagrams using D3.js

**Qlik Isolated** | [Angular Js, JavaScript] | <https://github.com/hrivks/qlik-isolated>

- Developed a JS library to load Qlik Sense BI tool's qlik.js in a non-conflicting way to access Qlik Sense endpoints and embed Qlik Sense objects into the web page.

**Secure IM** | [Python, pyca/cryptography] | Academic Project as part of Network Security Course

- Developed an Instant Messaging application in Python using [pyca/cryptography primitives](#)
- Implemented Perfect Forward Secrecy, End-point Hiding, Denial of Service Protection. **Zero** security vulnerabilities found on review.

**SharePoint Migration Accelerator** | [C#.NET, SharePoint 2013 Client Side Object Model (CSOM)] | TCS

- Developed a Windows Application in C#.NET to migrate SharePoint 2007 sites to SharePoint 2013.
- Reduced migration effort by 75%. Awarded **"Employee of the Month"** 