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DEVYASH SANGHAI

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EDUCATIONAL QUALIFICATIONS

University of Florida, Gainesville

2016 – May 2018

- **M.S. in Computer and Information Science.** GPA: 3.33
- Graduate Coursework: Analysis of Algorithms, Advance Data Structures, Computer Networks, Data Base Management Systems, Software Testing, Programming Language Principles, Elements of Machine Intelligence (Machine Learning).

University of Mumbai, India

2012 - 2016

- B.S.E. in Information Technology from University of Mumbai. In-major GPA: 3.75.

LANGUAGES AND TECHNOLOGIES

- **Programming Languages:** Proficient: **Java, JavaScript (ES2017), Python, Ruby** Intermediate: **C++, GoLang**
- **Web Technologies:** HTML5, CSS3, Flask (Python), Node.JS (8.0), Ruby on Rails, Koa.Js, Vue.JS, Angular.JS, React, Redux.
- **Distributed Computing/Dev-Ops:** Rabbit MQ, Celery, Nginx.
- **Databases:** MySQL, PostgreSQL, Oracle DB, **Mongo DB**, SQLite.
- **Software Tools:** Git, Eclipse, IntelliJ, Visual Studio, Sublime, JUnit, Jmeter, BlazeMeter, Cucumber, Rspec, Capybara

EXPERIENCE

Software Developer, Intern & Co-op

CareDox Inc, NY

May 2017 – Present

- Upgraded a dashboard web app to latest technology stack Koa, React and Node v8.1 from Angular1, Node v4.0.
 - Impacted the working of Customer Success Team at CareDox Inc. by providing valuable data insights after leading integration with Totango thereby improving the performance of the team by 10%.
 - Created a Dashboard which provides real time insights about the main application.
 - Optimized various SQL queries to run within 300 sec time-outs of the daily stats collector by creating indexes and writing new migrations.
 - Helped in Brainstorming Company Knowledge Points and implementing them into a daily used product.
- Tech Stack:** Ruby on Rails, Node (8.0), Koa, MySQL, React, Redux, Amazon Kinesis (AWS KAFKA).

Full Stack Web Developer

Research Computing - University of Florida

Oct 2016 – May 2017

- Responsible for development of the full stack web application for the new computer server called as **HiPerGator 2.0**. The application is an intermediate layer between the researchers and the server to schedule jobs and automate various system administration tasks.
- Tech Stack:** Vue.Js, Restify.Js, Node.JS, Sequelize(ORM), RabbitMQ, Celery, Mongo DB MySQL, SLURM.

Software Engineer, Intern

Crimson Interactive P.v.t Ltd.

Dec 2014 – Feb 2015

- Developed REST 'full modules for Authentication using Google O-Auth in Flask (python) which resolved login issues in the code base.
- Tech Stack:** Python, Flask, OAuth 2.0

SELECTED PROJECTS (MORE ON [HTTPS://WWW.GITHUB.COM/DEVYASH](https://www.github.com/devyash))

- **Eagle Vision – Oct 2017 | Prize Winner - Most Fundable Hack and Dell's Best Consumer Experience | Hack - Harvard**
A React-Native iPhone AR application which uses face-recognition and displays users points of interest in a virtual hover card above the identified personal.
- **Compiler for a JVM language - Sep 2017 | Java.**
Developed a compiler for a new small programming language from scratch from the given specification and design.
- **Policy Maker.io - March 2017 | Vue.JS, Node.JS, Oracle DB, JavaScript.**
A Management Information System to help policy makers visualize data based on complex relations among the variables.
- **Bit Torrent Clone - February 2017 | Java, Multithreaded Programming.**
Developed a P2P File sharing system using Multi-threaded programming and network programming in java, this simulates a replica of P2P Bit torrent.
- **Do not lose hope - January 2017 | Python, Flask, Java Script, Linux Clarifai, Imgur, Twilio, Linode server**
Developed and deployed a full web RESTful web application single handedly in 36 hours that helps to people to find their lost loved ones by training a Neural network and informs one on finding a match.
- **Speak. Do - July 2015 | Wit.AI, Swift, Python and Flask, NLP (Won Sponsor's Prize HackIndia Hackathon-2015)**
This project is an iPhone application which uses NLP to convert user's voice messages to textual points, recognizes commands (The commands such as set a timer for x mins etc.), and sends them over the internet using web socket.
- **Popular Hash Tags – October 2016 | JAVA**
System to find n most popular hash tags on social media (Facebook and Twitter) using Fibonacci heap.
- **Intelligent Public Grievance System - 2016 | HTML, CSS, Flask, SQL Alchemy, Bootstrap, Google Maps API**
Developed a Full Stack Application, where users click and upload photos, and post complain all using drop downs and pin drops, which is later analyzed, and the local government employees are given insights.

ADDITIONAL EXPERIENCE AND AWARDS

- **Achievement Award-** University of Florida (4500\$), given to students with exceptional performance in undergraduate.
- **Scored in the top 1% in the whole state. Eligible for the full scholarship for Undergraduate** in BSc from the Government of India for pure sciences.