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## PROFESSIONAL SUMMARY

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- A software engineer with strong programming background & over 3 years' experience working in a fast-paced agile environment.
- Proficient in Python, Java, front-end development and AWS Cloud, with focus on creating user-centric robust products.

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## EDUCATION

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**Master of Science (Business Analytics and Information Systems).** University of South Florida (Tampa, FL) **Expected: Dec 2018**

- Overall GPA: **3.91/4.0**

**Bachelor of Engineering (Information Science).** Visvesvaraya Technological University (Belgaum, India) **June 2015**

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## TECHNICAL SKILLS

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- **Programming Languages:** Java, Python, C#
- **Database:** MongoDB, MySQL, Oracle
- **Testing:** TestNG, Selenium, Mocha
- **Web Technologies:** HTML5, CSS (Sass), JavaScript ES6 (Mocha), AngularJS 1.5
- **Cloud & Miscellaneous:** AWS, Azure, Jenkins, Linux (CentOS), ActiveMQ, Git, npm, Nginx

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## WORK EXPERIENCES

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**Health Information Systems – University of South Florida** **Oct 2017 – May 2018, Aug 2018 - Present**  
**Graduate Assistant – Junior DevOps Engineer** **Tampa, FL**

- Worked in an **agile scrum** setup. Created a **Docker deployment pipeline** for custom application images in cloud using **Jenkins**.
- Developed **Python program for checking broken links on 15,000+ webpages** of USF Health website using **multithreading**.
- Developed **ASP.NET application** to parse data out of MuleSoft configuration XML & Azure publish settings file.
- Created a **CI/CD Pipeline** using **Git, Jenkins and Azure App Services**, with **SonarQube** support for **continuous code inspection**.

**The Coca-Cola Company** **May 2018 – Aug 2018**  
**Global Solutions – Test Engineer Intern** **Atlanta, GA**

- Developed **test automation scripts in Selenium**, for Coke B2B E-Commerce website built on Salesforce, with **over 85% coverage**.

**Cognizant** **Nov 2015 – May 2017**  
**Programmer Analyst / Programmer Analyst Trainee** **Chennai, India**

- **Added 7 new features** to the Cognizant's OptimaWrite Intake product by implementing several POCs.
- Improved security feature by executing **stateless token-based authentication** using AngularJS, **JSON Web Tokens & REST API**.
- Increased XML transformation **efficiency by 2.2x** by replacing XSLT for large sized XMLs, with **JAXB & StaX**.
- **Established web service** call between OptimaWrite's Intake & Price product using **Apache Axis2**, for data exchange.

**MyCareerAllies** **Mar 2015 – Oct 2015**  
**Technical Co-founder** **Bangalore, India**

- Built the LAMP stack powered, **cloud based (SaaS)** Industry Mentoring Platform - 'MyMentor', **white-labeled** for each client.
- Successfully piloted the platform in **7 business schools** across south India. Made continuous improvements to **ensure market-fit**.

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## RELEVANT PROJECTS

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- **AWS CloudTrail:** Provides businesses with **key insights of security anomalies** & resource utilization of **AWS services (EC2, S3, RDS, etc.)**, targeted at cutting down dispensable costs. Built with **J2EE, MongoDB, Python Boto3 & AngularJS (Material Design)**.
- **BeyondSkool:** Full-stack development of a marketplace portal for parents to search for, and purchase summer camp activity packages for their kids from various activity centers listed, using **Java MVC Pattern & AngularJS, hosted on AWS EC2 Instance**.
- **Teamup Application using ASP.NET:** **Full-stack development** of a platform where developers can decide upon a place to team-up & work in collaboration. Used **Google Maps API** and **JS Knockout library**. Deployed on **Azure** using continuous deployment.
- **Spotify Track Analysis:** **Python Django application** based on **Spotify API**. Collected different metrics such as energy, liveness, danceability, etc. from tracks, displayed as a graph and stored it in **SQLite database**. Deployed on **Heroku cloud platform**.
- **Resource Aware Preemptive Scheduling under a Deadline (Research Participation Project):** Developed a MapReduce scheduler using **Java & Hadoop services**, to preempt scheduling technique of Hadoop Jobs, by formulating a **placement algorithm**.
- **EventBrite API:** Full-stack development of **Python Django** app using Eventbrite API, to gather relevant events pertaining to the categories selected by the user, with geographical filtering support utilizing the **GeoIP API**. Used **Gunicorn** for deployment.