**Hitarth Tarsaria**



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**EDUCATION**

**Master of Science, Computer Science -** Fairleigh Dickinson University, Teaneck, NJ-**GPA 3.66** **Anticipated May’18**

**Bachelor of Engineering, Computer Science & Engineering -** Babaria Institute of Technology, Gujarat, IN **Aug ‘13–June‘16**

**Diploma of Engineering, Computer Science -** Nirma University, Gujarat, IN **Aug ‘10–June’13**

**CERTIFICATIONS**

* [AWS Certified Developer- Associate (Link of Certificate)](https://goo.gl/3XsYQ3) [**Aug’17-Aug’19**](https://s3.amazonaws.com/myawscertificate-17/AWS+Certified+Solutions+Architect+-+Associate+certificate.pdf)
* AWS Certified Solutions Architect- Associate ([Link of Certificate) **Jul’17**](https://goo.gl/HjJJ8j)**-Jul’19**

**TECHNICAL SKILLS**

* ***Cloud Computing:*** Amazon Web Services, Google Cloud, EC2 (Auto Scaling, Load Balancer), S3, IAM, VPC, RDS, Lambda,

API Gateway, Route 53, Cloud Watch, Cloud Trail, Cloud Front, Dynamo DB, Cloud Formation, ECS

* ***Languages***: C++, ASP.Net with C#, JAVA, SQL, PHP, Python, JSP, Shell Scripting, Bash Scripting
* ***Web Design and Development Tools***: HTML, CSS, JavaScript
* ***Database:*** MySQL, MS SQL
* ***Version Control System***: Git, GitHub
* ***Automation /Build Tools***: Docker, Jenkins, Chef, Maven, ANT
* ***Networking:*** TCP/IP, DNS, LAN, WLAN
* ***Platform/OS:*** Putty, Linux (CentOS, Ubuntu), UNIX, Windows, MS Visual Studio, Anaconda, Raspberry Pi, WordPress
* ***Web Servers:*** Nginx, Apache Tomcat

**PROFESSIONAL EXPERIENCE**

**Jr.Cloud/DevOps,** Massive Softech Pvt. Ltd, Anand, India **Dec’15-July’16**

• Expertise in managing AWS cloud resources EC2, S3, EBS, VPC, Cloud Watch, IAM, RDS, Lambda.  
• Responsible for maintaining ACL, Security Groups and firewall configurations.  
• Worked on Cloud Formation Templates for multiple services and centralizing it between the service  
• Developed automated No-Downtime deployments using Auto-Scaling Groups.  
• Collaborate with developers and QA to implement Continuous integration Automate testing with Jenkins.

**Software Developer Intern,** Saathiva Creations Pvt. Ltd**,** Ahmedabad, India **Dec’12-June’13**

Worked on two-person live project team for all phases of software development for clients

* Developed system using MVC model that monitors broken website links & generate error report using Asp.Net with C#.
* Implemented system that checks website reliability and traffic volume using Asp.Net with C#.
* Created and maintained front-end standards document and oversaw production of JavaScript, HTML, and CSS
* Worked in agile environment for the entire Software Development Life Cycle (SDLC).

**Graduate Assistant,** Fairleigh Dickinson University, New Jersey, USA **Mar’17-Current**

▪ Conducted data entry and support administrative duties in the School of Education

**RESEARCH EXPERIENCE**

**Independent Research Study, Fairleigh Dickinson University Electrical Engineer Dept.-Teaneck, NJ Jan’18-Current**

*Supporting NSA funded research on the security of the Internet of Things*

▪ Developed Python Script to save the data from Raspberry Pi to Amazon S3

▪ Developed Base Image from Docker file and maintain the configuration

**PERSONAL & ACADEMIC PROJECTS**

* Built Fault Tolerant & Highly Available Word press Site Using Amazon Web Services
* Using EC2(Load Balancer, Auto Scaling),VPC,IAM, S3, Route 53,Cloud Front, RDS, Cloud Watch, Cloud Trail, WordPress
* Built Serverless Webpage using Lambda, API Gateway, S3 and Route 53, Python script
* Built a Web Farm for Development and Testing Using Docker containerization and Nginx as a load balancer

Web based EZ-Pass System – Fairleigh Dickinson University

* Developed a MVC style system to pay the tolls and travelers can view their transaction, recharge it & manage account.

Capstone Project: Asp.Net: Online Purchase through Ration Card- Babaria Institute of Technology

* Developed a system to overcome the current problems of Public Distributed System (PDS) and integrated the enhance security with the help of Ration Card.