**Hitarth Tarsaria**



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**EDUCATION**

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

Relevant Courses:

Programming for the Internet, Java for the Internet, Database System, Electronic Commerce

Project:JSP: Web base E-ZPass System

▪ Developed a MVC style system to pay the tolls and travelers can view their transaction, recharge it and manage

account.

Project: Asp.Net: Online Jewelry Store

▪ Developed a web based system to purchase online jewelry items and manage their stocks through admin panel.

**Bachelor of Engineering, Computer Science & Engineering-** Gujarat Technological University, Gujarat, IN **Aug ‘13–Jun‘16**

Capstone Project: Asp.Net: Online Purchase Through Ration Card

▪ Developed a system to overcome the current problems of Public Distributed System (PDS)

and integrated the enhance security with the help of Ration Card.

**Diploma of Engineering, Computer Engineering-** Nirma University, Ahmedabad, Gujarat, IN **Aug’10-May’13**

Capstone Project: Asp.Net: Online Transportation Management

▪ Developed a system for online purchasing of building materials and implemented stock management module.

**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 Solution Architect- Associate ([Link of Certificate) **Jul’17**](https://goo.gl/HjJJ8j)**-Jul’19**

**TECHNICAL SKILLS**

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

Route 53, Cloud Watch , Cloud Trail ,Cloud Front.

▪ ***Languages***: C++, ASP.Net with C#, JAVA, SQL, PHP, Python, JSP, Shell scripting

▪ ***Web Design and Development Tools***: HTML, CSS, JavaScript

▪ ***Database:*** MySQL, MS SQL

▪ ***Version Control System***: Git, Github

▪ ***Automation Tools***: Docker, Jenkins, Chef

▪ ***Networking:*** TCP/IP, DNS, LAN, WLAN

**PROFESSIONAL EXPERIENCE**

**Internship,** Saathiva Creations Pvt. Ltd**,** Ahmedabad, India **Jan’13-May’13**

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

▪ Developed a system that monitors broken links from website and generate report of errors using Asp.Net with C#.

▪ Implemented a system that checks the strength of website whether it can handle traffic or not

using Asp.Net with C#.

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

▪ Conducted data entry and support administrative duties associated with the University.

**RESEARCH EXPERIENCE**

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

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

▪ Developing surveillance system by connecting AWS IoT

**PERSONAL PROJECT**

▪ Built Fault Tolerant & Highly Available Word press Site Using Amazon Web Services

* Using EC2(Load Balancer, Autoscaling),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

▪ Built S3 policies with the help of JSON to access the data from the cross account using roles