**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 & 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–June‘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, Computer Science & Engineering-** 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 Solution Architect- Associate ([Link of Certificate) **Jul’17**](https://goo.gl/HjJJ8j)**-Jul’19**

▪ [Docker Deep Dive (Link of Certificate)](https://s3.amazonaws.com/myawscertificate-17/Docker_deep_dive.pdf)

**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, Macintosh, MS Visual Studio, Anaconda, Raspberry Pi

WordPress

▪ ***Web Servers:*** Nginx, Apache Tomcat

**PROFESSIONAL EXPERIENCE**

**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 a system using MVC model 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#.

▪ Created and maintained the 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 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

▪ Developed Base Image from Docker file and maintain the configuration

**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 and Nginx as a load balancer

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