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–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.

CERTIFICATIONS

▪ AWS Certified Developer- Associate (Link of Certificate)   **Aug'17-Aug'19**
▪ AWS Certified Solution Architect- Associate (Link of Certificate)   **Jul'17-Jul'19**
▪ Docker Deep Dive (Link of Certificate)

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, Dynamo DB.
▪ *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
▪ *Platform/OS:* Putty, Linux (CentOs, Ubuntu), UNIX, Windows, Macintosh, MS Visual Studio, Anaconda, Raspberry Pi
▪ *Build Tools:* MAVEN, ANT
▪ *Web Servers:* Nginx, Apache Tomcat

PROFESSIONAL EXPERIENCE

Internship, 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 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#.
▪ 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 Network bridge, maintained Docker containers and build dockerfile

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