

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](#))
- AWS Certified Solution Architect- Associate ([Link of Certificate](#))
- Docker Deep Dive ([Link of Certificate](#))

Aug'17-Aug'19

Jul'17-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, 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, WordPress
- 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