

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](#)) **Aug'17-Aug'19**
- AWS Certified Solution Architect- Associate ([Link of Certificate](#)) **Jul'17-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'12-July'13**

- 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 and 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, 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

Web based E-ZPass 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.