

Aravind Polepeddi

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EDUCATION

Northeastern University

Masters in Information Systems Concentration Cloud Computing

Boston, USA

September 2021

Gandhi Institute of Technology and Management

Bachelor of Technology in Electronics and Communication

Visakhapatnam, India

April 2018

PROFESSIONAL EXPERIENCE

NCR Corporation

Software Engineer

Hyderabad, India

July 2018 - Aug 2021

- Worked in NCR VENUE Manager product which is designed specifically for the stadium, arena and venue management industry and integrates all point-of-sale operations for an event-based facility. Solution is integrated with various payment modes such as Credit Card, Ticket Debit, Gift Card and Cash.
 - * Created and maintained fully automated CI/CD pipelines for code build, deployment using Jenkins and Github Actions. Writing bash scripts for Automated Back - ups and Cron Jobs
 - * Worked as cloud administrator on Microsoft Azure, deployed VM's, resizing disks, and troubleshoot Azure related issues
- Worked on NCR CUSS which is a firmware platform on a self-service check-in kiosks hosting multiple airlines software
 - * Developed and executed Test Plan, Test Cases, and Test scripts for the desktop applications using Testcomplete in javascript
 - * Creating test scripts using Selenium WebDriver, Selenium Grid , Page Object Model framework in Javascript for the web application.
 - * Developed middleware components for the Desktop application in C/C++ using STL

Bhaba Atomic Research Centre(BARC)

Intern

Mumbai, India

June 2017 – July 2021

- Design and Simulation of Single Phase and Three Phase Power Factor Corrected AC to DC Converter
 - * Increased the efficiency of single phase and three phase AC to DC converter.Achieved close to Unity power factor with less than ten percent harmonic distortion .The results have been simulated using MATLAB

Phytec Embedded Systems)

Intern

Visakhapatnam, India

June 2016 – July 2016

- Test various sensor modules and Implement embedded software using C/C++
 - * Hands on experience with various micro controllers and sensor modules such as ESP8266,RFID,temperature and heartbeat sensor and developed rovers such as line followers,maze solvers
 - * Experience with Linux system programming,GDB,Valgrind,IPC,Pthreads and File I/O

TECHNICAL SKILLS

Programming Languages: C++, Java, JavaScript, Shell Scripting, Powershell

Web Technologies and Databases: HTML, CSS, NodeJS, React, MySQL, MongoDB

Testing and Automation: TestComplete, UFT, Selenium, SoapUI, PostMan

DevOps Tools: Git, Github Actions, Jenkins,Azure, Artifactory

ACHIEVEMENTS AND ACTIVITIES

Leading the Sensors and Enclosures team of the Paradigm Hyperloop Student Club

current

Awarded the first prize in NCR Commerce Hackathon for the project "Kitchen Storage Replenishment" - to monitor and order groceries as soon as product gets near to completion

September 2018

Headed as the Technical Lead for the Tech-Hub branch of IETE Student Chapter in GITAM University

April 2017

Editorial Member at "Institution of Electronics and Telecommunication" student chapter in GITAM University

April 2017