

LAKSHMI MANOHAR CHIPPADA

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in manohar chippada

📍 Binghamton, New York, 13905

Education

Binghamton University - State University of New York.

Aug 2023 - May 2025

Master's in Computer Science

Grade: 3.5/4.0

Courses: Computer Architecture and Organization, Operating Systems, Programming Languages

Gandhi Institute of Technology and Management- Vishakhapatnam, India

Jul 2016 - May 2020

Bachelor of Technology in Computer Science and Engineering

Grade: 3.4/4.0

Courses: Data Structures and Algorithms, Problem-Solving and Programming, Database Management Systems, Web Development, Computer Networks, Machine Learning

Skills

Programming Skills: Java, Python, C/C++, PHP, HTML, CSS, JavaScript

Databases : Oracle, MySQL, MongoDB

PLM Software and Tools/IDE : Visual Studio, WinSCP, Eclipse, AWC, Teamcenter

Certifications: Teamcenter AWC development certification from DXC Technologies, AZURE (Az-900), AZURE DevOps

Experience

DXC Technology

Jan 2021 – Aug 2023

Professional I Application Delivery

- ◆ Customized TREX website and built reports using SOA services meeting the client requirement of on-time delivery by 75%.
- ◆ Configured AWC, Teamcenter Unified (11.2.3 and 13.2) for new product release which reduced trouble shooting errors by 45% in day-to-day regression testing.
- ◆ Consolidated Teamcenter Architecture of AWC and TCUA (ITK, Workflow, Structure Manager, change management, Schedule management) to improve flexibility of streamlined utilization by 80%.
- ◆ Integrated Teamcenter to CAD softwares like NX, Creo for smoke testing which resulted in app to app latency of 120ms.
- ◆ Administrative level work of TCUA (Installation and Configuration, Organization, Command Suppression, Authorization, Access Manager, , Style sheet, Query Builder) without passing SLA by 50%.
- ◆ Actively keep learning new technologies based on demands.
- ◆ Worked on SpringMVC for adding additional functionalities to website.
- ◆ Provide knowledge transition to new staff, prepared and conducted in class training for the applications.

Marolix Technology Solutions

May 2019 – June 2019

Software Intern

- ◆ Worked on SR Amma Charitable Trust Website to make it more responsive to all kind of display layouts using CSS Display Grid and Flex.
- ◆ Added few more features and Styles using React.js, JavaScript.

Projects

End-to-End Deployment of Predictive Maintenance App

Aug 2019

This App is designed to help determine when maintenance should be performed on Scanners equipment's. This approach promises cost savings over routine or time-based preventive maintenance, because tasks are performed only when warrantee.

Technologies: PYTHON, Linear regression

Predicting the price of the automobiles using ML Regression algorithms.

November 2019

This project is all about predicting the price of the vehicle using the historical data of the automobile industry. In this, I used linear regression, Decision Tree, Random Forest, Gradient Boosting algorithms for prediction along with some accuracy improving techniques like normalization and RFE.

Publications

Faster RCNN for detection of Garbage in Tensor flow

Dec 2019 – Apr 2020

Developed a Tool for detecting garbage bags and container wastes thrown on roadsides or in water. This tool was developed using the Faster RCNN network with supporting framework TensorFlow.

Used to detect garbage without and latency taking less than 150ms of time

Technologies: PYTHON, TensorFlow framework

Achievements And Leadership Experience

- ◆ Q3,Q4 champs award for best employee from DXC Technologies.
- ◆ TCS codeVita champion for season 8.
- ◆ Stood 3rd on Denso group Japan's Swish hackathon where all Andhra Pradesh state students were participated.
- ◆ Class Representative for my undergraduation for 4 years.
- ◆ Successfully conducted technical and non-technical events through IEEE.

