

# Midhuna Manchi

Full Stack UI Developer | AWS Solutions Architect | Data Engineer

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## EXPERIENCE

### Tata Consultancy Services — Senior Software Engineer

Project: Universal Customer Mastering

JAN 2016 - SEP 2018

- Hands on experience with an in-depth level of understanding in the strategy and practical implementation of AWS cloud-specific technologies including Elastic Compute Cloud (EC2), Simple Storage Services (S3), Virtual Private Cloud (VPC), RDS and Cloud Watch, AWS Glue, Athena, Lambda, CloudWatch, DynamoDB
- Worked on Lifecycle Methods, State, Props, and Events to create interactive and stateful React Components, achieved routing using react-router.
- Worked in a sprint team, involved in developing the UI layout and front-end programming for web application that matches requirements of Client using React
- Created Responsive Web Design (RWD) using Bootstrap, Media Queries and CSS3 preprocessors such as SASS, less.
- Tracked bugs using JIRA and fixed issues in Kanban style.
- Followed best practices for code maintenance. Used Git for version control. Created docker images and performed continuous integration through CircleCI and continuous deployment with AWS.
- Analyzed and monitored performance bottlenecks and key metrics to optimize software and system performance in AWS
- Managed and supported full application stacks from the OS through custom applications using Amazon cloud-based computing environments
- Created RESTful web services using NodeJS and performed CRUD operations using MongoDB management system.
- Environment: HTML 5, CSS 3, JavaScript, React, NodeJS, Java, Docker, CircleCI, AWS, Chrome, Bootstrap

### Tata Consultancy Services — Senior Software Engineer

Project: CCAR Regulatory Reporting

JAN 2013 - DEC 2015

- Developed logical and physical data flow models for ETL applications
- Provided System and Application Administration for Informatica PowerCenter
- Designed, developed, automated and supported complex applications to

## SKILLS

AWS

React, Node JS, JavaScript, Typescript, ES6, Python, Java

HTML5, Jade

CSS3, SASS, Bootstrap, LESS

Docker

## CERTIFICATIONS

AWS Certified Solutions Architect - Associate

## AWARDS

Graduate Computer Science Departmental Award - Pace University

extract, transform, and load data

- Identified and managed interfaces, service levels, standards and configurations
- Demonstrated working knowledge of Informatica PWC & PWX, SQL Server 2005/2008
- Environment: Informatica, Teradata, UNIX, Oracle systems, PostgreSQL, SQL, AppWorx

## **Tata Consultancy Services — Senior Software Engineer**

**Project: Financial Statement Reporting**

DEC 2011 - DEC 2012

- Designed, Developed and Tested ETL Mappings, Mapplets, Workflows, Worklets using Informatica PowerCenter
- Worked in a fast-paced environment, under minimal supervision providing technical guidance to the team members
- Responsible for database schema design, extensive T-SQL development, integration testing and other projects that were necessary to help the team achieve their goals
- Worked closely with Onshore and offshore application development leads
- Identified efficiencies and ways to improve design and development processes
- Identified ways to increase efficiency of production support – Found solutions that allowed operations to better do their job without involving development resource time
- Environment: Informatica, Teradata, UNIX, Oracle systems, PostgreSQL, SQL, AppWorx

## **EDUCATION**

**Pace University**, New York, USA — *Masters in Computer Science*

**Jawaharlal Technical University**, Location — *Bachelor of Engineering in Electrical & Electronics*

## **PROJECTS**

### **Craving — Full Stack E-Commerce Application**

- Worked as the only Full Stack Developer on an e commerce application project. The stack is React.js, Node.js and SQL Server.
- Created class based and function based components, added necessary event listeners, implemented communication strategies between React Components.
- Used NodeJS and Express framework to build server side logic, and applied with middlewares to handle http requests.
- Involved in design and development of Restful API and services to interact with data storage layers..
- Created 20 reusable React web UI components such as an input, button, and drop down.
- Developed database design in accordance with requirements.