

# Midhuna Manchi

Full Stack UI Developer | AWS Solutions Architect | Data Engineer

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## SUMMARY

- A highly motivated and results-oriented web application **Full Stack Developer** experienced in all aspects of user-friendly UI software analysis, design, implementation, integration, deployment, upgrade support and delivering Web-based Management Interfaces for sophisticated software products.
- Involved in designing, architecting, securing and deploying applications utilizing AWS stack (including EC2, VPC, S3, Lambda, DynamoDB) focusing on high-availability, fault tolerance, and auto-scaling.
- Thorough experience in UI Development (from concept/wireframe model to the execution of the project with respect to coding).
- Extensively used HTML, Jade, **ReactJS**, **JavaScript** to design and develop interactive and dynamic UI that compliances Web 2.0 standard in a challenging environment.
- Used Axios service in React to handle GET, POST, DELETE, and UPDATE requests
- Used **NodeJS Express Framework** to create a mock server-side environment.
- Worked on CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.
- Performed detail design, development, documentation, debugging and implementation of solutions for **Informatica ETL** requirements.
- Strong knowledge in writing complex queries for validation of ETL process.
- Experience in Installing and configuring CI/CD tools, Source code control tools.

## EXPERIENCE

**Webster Bank - Full Stack UI Developer**

**Jun 2020 - Present**

**Project: Webster Risk Management Portal**

- Migrated legacy systems to AWS with highly scalable Serverless Architecture.
- Built and maintained in-house digital content in AWS using API Gateway/Lambda/DynamoDB/S3
- 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**), **Lambda**, **DynamoDB**
- Worked on Lifecycle Methods, State, Props, and Events to create interactive and stateful **React Components**, achieved routing using react-router.

## SKILLS

AWS

React, Node JS, JavaScript

ES6, Java

HTML5, Jade

CSS3, SASS, Bootstrap, LESS

## CERTIFICATIONS

AWS Certified Solutions

Architect - Associate

## AWARDS

Graduate Computer Science

Departmental Award - Pace

University

- Involved in requirement gathering, analysis, estimation, coding, code review fixes, production support and client interactions. Have a good exposure to phases of Software Development Life Cycle (SDLC), agile and various engineering practices.

**Environment:** React, NodeJS, JavaScript, AWS

**Tata Consultancy Services — Full Stack UI Developer** Jan 2017 - Sep 2018

GE Capital

**Project: Universal Customer Mastering**

**Responsibilities:**

- 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.
- Implemented Amazon Virtual private cloud (VPCs) and components such as the subnet, route table, internet Gateway.
- 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.
- 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 middleware to handle http requests.
- 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, AWS, Chrome, Bootstrap.

**Tata Consultancy Services — Data Engineer** Jan 2013 – Dec 2016

GE Capital

**Project: CCAR Regulatory Reporting**

**Responsibilities:**

- 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 extract, transform, and load data.
- Identified and managed interfaces, service levels, standards, and configurations
- Demonstrated working knowledge of Informatica PWC & PWCX, SQL Server 2005/2008

**Environment:** Informatica, Teradata, UNIX, Oracle systems, PostgreSQL, SQL, AppWorx.

**Tata Consultancy Services — Data Engineer** Dec 2011 – Dec 2012

GE Capital

**Project: Financial Statement Reporting**

**Responsibilities:**

- 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.
- 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 — Master's in computer Science - 2021
- **Jawaharlal Technical University**, Anantapur— Bachelor of Engineering in Electrical & Electronics- 2011