ANDREW CUDWORTH

SOFTWARE ENGINEER AB-INBEV

profile-pic

ABOUT

UNITED STATES

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REACT.JS

DATA ANALYSIS

PYTHON

MACHINE LEARNING

GEORGIA INSTITUTE OF TECHNOLOGY

MICROSOFT EXCEL

TERADATA SQL

SQL

ENGINEERING MANAGEMENT

LEADERSHIP

TEAMWORK

KNIME

PREDICTIVE MAINTENANCE

SOFTWARE ANALYSIS

SUMMARY

Computer Science Master's Student graduating in August 2020. 4 years professional experience in supply chain software implementation.

EXPERIENCE

10/2021 - INVALID DATE

SOFTWARE ENGINEER

words

- - Azure Architecture
- - Release Engineering
- - Web App Development

01/2019 - 05/2021

GRADUATE TEACHING ASSISTANT

Course ID 6340 -Grade Assignments -Respond to Student Queries -Hold Weekly Office Hours Course Content: https://www.udacity.com/course/software-analysis-testing--ud333

08/2018 - 08/2020

GRADUATE STUDENT

10/2020 - 11/2021

BUSINESS OPERATIONS ENGINEER

• Splunk: software defined event code based alerting and dashboarding; log analysis • Xedia Labs XLR release orchestration: automating tasks in Jenkins, Bitbucket, host SSH, BMC • IBM Mainframe to Pivotal Cloud Foundry file transfer infrastructure Migration Support

01/2018 - 06/2018

ASSOCIATE PRODUCT MANAGER

01/2017 - 12/2017

ASSOCIATE MANAGER TRANSPORTATION SYSTEMS

Responsibilities: • Transportation Operational KPI Data specialist; deep knowledge of data sources and strategic value • Cross product and cross functional project execution via roadmap planning and direct support/implementation • Drive short and long term initiatives supporting department and company goals centered around systems/software product improvements Projects: Operational Carrier Communication Software Improvement • Centralized Real Team View of Trailer loading status UI across 15 buildings • Automate email communication process for trailer tendering via UI + UX • Minimum Viable Product rollout across 15 buildings via 6 person operational team members • Define Requirements and drive development with 1 product manager and 4 engineering associates for short and long term product requirements Operational Data Store DB KPI Migration • Coordinate KPI migration from Teradata Pull model DB to Elasticsearch Push model • Define and gather data needs for On Time Delivery and Network Transit Capability calculations • Identify data source products and partners; Ensure push from product to Elasticsearch DB • Finalize definitions and understandings for searchable Oracle Reporting DB • Document and organize transition across 5 KPI team members, 3 engineering associates and 4 product manager Cross Functional Partners: • WMT internal Order Managements Product • WMT internal Package tracking software • WMT internal Reporting DBs (Oracle, Teradata, Elasticsearch) • WMT internal Warehouse Management products +External (SSI ANT) • 6 Person transportation operational management team across 15 buildings • Walmart Labs TOPs software engineering team + Product Manager

08/2014 - 01/2017

SOFTWARE CONSULTANT

Major Projects/Clients: Americans Eagle Omni Channel Warehouse Upgrade Summary: • Supported DTC-Retail warehouse WMi system merge onsite and remote over 11 months • Upgrade from 2010 to 2013 Warehouse Management i-series code base • Coordinated with 4 member US based consulting team, 2 US based analysts and 2 India based analysts for software design, testing, installation and support for

Skills

WAREHOUSE MANAGEMENT SYSTEMS

SOFTWARE TESTING

TIME MANAGEMENT

ENGINEERING

C++

COMMUNICATION

SUPPLY CHAIN OPERATIONS

MICROSOFT WORD

NUMPY

JAVA

NOT AFRAID OF BEARS

TABLEAU

SUPPLY CHAIN SOFTWARE

SUPPLY CHAIN CONSULTING

POWERPOINT

PANDAS (SOFTWARE)

TESTING

PUBLIC SPEAKING

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over 25 individual extensions and base code. Testing: • Tested and delivered over 25 individual software extensions on WMI-2013 platform • Created over 25 testing documents and updates extension specifications for changes made while testing • Documented base and custom configuration creating 8 specification documents for initial warehouse setup Go-Live Support • Resolved live warehouse issues on site during software testing and installation over 3 month time frame • Interfaced with client partner MHE and host vendors ensuring accuracy across 3 separate software channels • Continued issue support on and off site with project team addressing over 600 issues from testing to hand off Secondary Clients: Allen Edmonds, Polo Ralph Lauren • Testing support at peak development and delivery phases of WM-i upgrades AmerisourceBergen: Ground-Up Warehouse Implementation June 2016-November 2016 Summary: • Acted as lead consultant on a new warehouse environment design, testing, and implementation budget >$1M • Aligned software and process document delivery with new warehouse construction schedule • Created inventory flow and user tracking process documents for end to end warehouse process • Managed a team of 1 consultant and 1 analyst for configuration tracking and implementation Secondary Clients: Allen Edmonds, Polo Ralph Lauren Internal Trainings: SQL level ii (instructor) WMi 2015 Key Features & Additional Features, Managing your Workload with Outlook, Excel Features and Formulas: Intermediate

05/2013 - 08/2013

ENGINEERING INTERN

• Support safety analysis division with implementation of FLEX contracts • Prepare technical reports including SFPI Dosage and NRC submissions • Research EPA and NRC regulations in connection to FLEX projects • Track ENERCON progress on NRC requests for additional information Large Truck/ Diesel Generator Specification Recommendation • Recommend truck and trailer combinations for nuclear plant emergency response • Analyzed truck and generator combinations for effective towing and implementation • Communicated client needs and concerns to equipment vendors

08/2011 - 05/2013

RESIDENT ASSISTANT

• Manage a floor of 44 residents living in campus housing and act as a mentor and coach • Responded as first point of contact for emergencies and maintain safe living conditions

VOLUNTEER

ATLANTA HABITAT FOR HUMANITY
VOLUNTEER/SKILLED SUPERVISOR

08/2014 - 12/2017

Home Ownserhip Focused Charity

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY
MASTER'S DEGREE COMPUTER SCIENCE

12/2018 - 12/2020

GEORGIA INSTITUTE OF TECHNOLOGY
BACHELOR'S DEGREE MECHANICAL ENGINEERING

12/2010 - 12/2014

MICROSOFT OFFICE

PL/SQL

DATALOG

SUPPLY CHAIN
MANAGEMENT

MATLAB

REINFORCEMENT
LEARNING

DATA SCIENCE

HTML

WMI

ORACLE SQL
DEVELOPER

PRODUCT
DEVELOPMENT

MANAGEMENT

LANGUAGES

ENGLISH *(NATIVE SPEAKER)*