Gage Cates

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EDUCATION

GILLETTE COLLEGE
Associates of Applied Science
May 2014 | Gillette, WY

CERTIFICATIONS

GOOGLE
Google Cloud Fundamentals
Oct 2022
GKE/Kubernetes •IAM/Security
Networking •Cloud bases services

UDACITY
Full Stack Nanodegree
Nov 2020
SQL/Data Modeling •API Development
Identity Access/ Authorization
Server Deployment and Containerization

Front End Nanodegree
Feb 2021
CSS / Layouts •Javascript / DOM
Asynchronous Applications •Build Tools
Web Pack•Node.js

UDEMY
React with Redux
March 2021
React/Redux Fundamentals•Hooks •JSX
AJAX •Node.js

SKILLS

Javascript • Next.js • Node.js
React • Svelte• MongoDB
Python • Django • Flask
PostgreSQL • AWS • GCP

AWARDS

2021 - City of Gillette
Employee of the Year Nomination

WORK EXPERIENCE

MRGN | Full Stack Engineer
Jan 2024 - Present

- Used the newest technologies to create a user friendly dashboard full of key metrics and KPIs
- Re-created the existing tables to make a globally re-usable and easy to implement component that reduced thousands of lines of code
- Handled an integration with a third party that captured user input and then mapped it accordingly to a MongoDB
- Utilized Google Tag Manger to provide tracking throughout the use of the application

CEDAR SYSTEMS | Full Stack Engineer
Dec 2021 - Jan 2024

- Lead a QuickBooks integration that allowed customers to seamlessly sync their accounting data
- Designated as the release manager in charge of scheduled staging and production releases
- Built a routing and optimal routing system that helped technicians save time and money while completing their day to day routes
- Handled integrating a payment processing system that allowed users to directly make payments and register their payment methods
- Provided direct customer support and interaction
- Core contributor of creating a user friendly drag and drop calendar system that made scheduling jobs a breeze

INSIGHT STUDIOS | Full Stack Engineer
Jun 2021 - Oct 2021

- Core contributor to a live messaging feature between accounts
- Lead an integration with a third party that asynchronously created accounts for users, saving time and effort for users
- Helped provide an key insights to the data and models via an admin panel

CITY OF GILLETTE | Integrator / Programmer
Aug 2018 - Jul 2021 | Gillette, WY

- Conducted programming and controls tasks for the SCADA system within the cities utilities departments
- Networking and IT related duties for all departments
- Acted as interim supervisor in the absence of my supervisor
- Developed HMI and scada programs for various system applications that controlled the cities infrastructure

TECHNICAL / PERSONAL PROJECTS

GRID VIEW | React / Flask
Allows users to view a specific portion of the electric grid determined by their chosen starting node and depth

- Heroku deployed full stack application
- Builds visual representation of the grid parsed from over 80,000 components
- Adjacency list/breadth first search algorithm used to present data via Matpolotlib

CATTLE DETECTION | Flutter / Dart
Mobile object detection app that detects cattle in images

- Fully trained and tested YOLOv5 object detection model
- Offline functionality, syncing the photos with Firebase Storage while allowing the model to still function
- Authentication built using Firebase Auth