

FULLSTACK SOFTWARE ENGINEER WITH 8 YEARS WORK EXPERIENCE

CAREER ACHIEVEMENTS

TISTA Science & Technologies

Software Engineer (UCM)  
February 2023 – April 2024 (Present)

Stack	Platform	Business Area
Java/Angular	AWS	Government/Legal
<ul style="list-style-type: none"><li>Resolved design and implementation issues within the application frontend</li><li>Implemented reusable AngularJS components</li></ul>		

Software Engineer (CTO Team)  
January 2022 – February 2023

Stack	Platform	Business Area
NodeJS+Go/React	AWS	Company IDP
<ul style="list-style-type: none"><li>Architected and implemented an Integrated Development Platform (IDP) for quick starting internal company projects</li><li>Implemented a CLI tool for use with the IDP to facilitate a seamless integration with a typical developer workflow as well as for use in automated tools</li><li>Implemented a simple IoT device simulator for generating sample temperature data</li><li>Developed Jenkins library for standardizing CI/CD pipelines</li></ul>		

Software Engineer (Caseflow)  
March 2020 – January 2022

Stack	Platform	Business Area
React on Rails	AWS	Government/Legal
<ul style="list-style-type: none"><li>Optimized application state management resulting in over a 400% reduction in page load times</li><li>Replaced an outdated testing framework with Jest and added more than 300 tests</li><li>Improved accessibility by including automated tests to improve 508 compliance</li></ul>		

NewWave Telecom & Technologies

Sr. Full Stack Developer  
June 2019 – March 2020

Stack	Platform	Business Area
NodeJS/React	Azure	Government/Health
<ul style="list-style-type: none"><li>Lead a scrum team of 5 to develop a web-based storage application</li><li>Built an NPM registry to house shared packages including a design kit</li><li>Developed a microservice transport utility to integrate with Azure Service Bus</li></ul>		

CORE SKILLS

Languages  
Primary  
Golang  
JavaScript (ES5+)

Secondary  
C/C++  
Python  
Ruby  
Rust  
Java/Kotlin

Frameworks  
Flask  
React/React Native  
Ruby on rails  
ExpressJS  
Apollo (GraphQL)  
OpenAI

Infrastructure  
Docker/Kubernetes  
Azure/AWS/GCP  
Jenkins/Travis/CircleCI  
Terraform/Terragrunt

Database  
MySQL, PostgreSQL,  
OracleDB, Redshift,  
MongoDB, CosmosDB,  
DynamoDB, Cassandra

CERTIFICATES  
Twilio Platform Certificate  
Looker Certificate  
NNG UX Certificate

EDUCATION  
MAY 2009 – MAY 2012  
ABA Germanna  
Community College

**NewWave Telecom & Technologies (Cont.)**

**Full Stack Developer**

*June 2018 – June 2019*

<b>Stack</b>	<b>Platform</b>	<b>Business Area</b>
NodeJS/React	Azure	Government/Health

- Built a baseline IVR system for the internal help desk team
- Lead a scrum team of 4 to create an application scaffolding tool POC
- Developed a reusable UI component library based on Google Material Design
- Launched a new application in the CMS portal including setting up the environments, testing, and writing the application code
- Created an online share drive application for storing sensitive files that could be accessed by different groups within CMS

**The American Society for Engineering Education (ASEE)**

**Full Stack Developer**

*October 2016 – June 2018*

<b>Stack</b>	<b>Platform</b>	<b>Business Area</b>
Ruby on Rails	On-Premise	Education

- Managed all phases of application design -- from coding and prototyping through system testing, integration and deployment.
- Integrated and deployed a new interface and user experience for the main ASEE website
- Maintained legacy Ruby code and deployments for older applications
- Provided on-site technical support during our annual conference.

**The Community Partnership for the Prevention of Homelessness (TCP)**

**System Administrator**

*March 2014 – October 2016*

- Implemented Excel Macros to improve the speed at which were able to perform data analysis
- Performed regression analysis to determine the most vulnerable individuals in a given group
- Generated end of year reports for HUD and CMS to send to Congress
- Managed all aspects of the Homelessness Management Information System (HMIS) instance for the District of Columbia