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Shashwath Koppisetty

Education

San Jose State University 2021

B.S. Computer Electronics and Network Technology Minor in Business

Skills

Java, Python, JavaScript, SQL, C#, AWS, IT, PLC Programming

Certifications

AWS Certified Cloud Practitioner 2021

Experience

Cognizant, Software Engineer, August 2021 – March 2023

   3M Client, Oct 2021 - Mar 2023

- Built Savigent Workflows, Models, and Engines using C#
- Created a workflow that auto-updates 3M webpage and sends error reports by email
- Implemented unused APIs in Savigent Workflow, identified which APIs are the best solution to a problem.
- Gained experience working in Agile Methodology
- Deployed 3M MES software
- Conducted Software Testing and created PowerPoint guides

Local X, Software Engineering Intern, Jul 2019 - Jan 2020

- Developed a data visualization infrastructure for network towers being managed by Local X.
- Enabled real-time data streams to be visualized in a friendly UI using Swim's API as well as MapBox, to map the locations of the network towers.
- The backend was written in Java; JavaScript, Html, and CSS were used on the front end.
- Gained hands-on experience with Linux-based virtual machines, as well as Git

Booster Fuels, Brand Ambassador, Feb 2018 - Jun 2018

- Represented Booster Fuels at various events and promotions, engaging with potential customers and generating interest in the brand
- Educated customers and the public about the benefits of using Booster Fuels' mobile fueling service

Silver Spring Networks, Summer Intern, Aug 2015, Jul 2016

- I wrote scripts using Python to generate bootstrap configurations to install Cisco Routers and ASA Firewalls
- I later optimized those scripts so any Cisco configuration could be generated, increased the productivity for the network device installs

Projects

   Fire Detection IOT Device

   Designed the circuitry and program algorithm for a device that detects smoke and alerts a management system. The device is powered by a solar panel and has both an LCD screen and a buzzer to provide information when nearby.

   Automated Tower Fan

   Designed a tower fan that detects objects and movement using ultrasonic sensors, so that it can move accordingly and always face the user. The microcontroller is an Arduino