LUCIAN PERNICIARO IV

8021 Rimini Trail, Austin, TX 78729

(832)-443-1334   perniciaro.lucian@gmail.com   https://lucianp.com

Education

Texas A&M University   **2018 – 2023**
Bachelor of Science in Computer Engineering   *College Station, TX*

Technical Skills

Languages: Python, Java, C, C++, C#, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Jenkins, Ansible, Nagios, Oracle SQL
Technologies/Frameworks: Linux, RedHat, Ubuntu, Windows, GitHub, React, SSL, SSH, Vue.js

Work Experience

Itron   **Dec 2021 – Dec 2022**
DevOps Deployment Engineer Intern   *San Antonio, Texas (remote)*
- Collaborated with other departments to establish development requirements
- Deployed software and ensured its functionality upon deployment
- Developed automation for repetitive tasks
- Troubleshot and resolved customer issues
- Ensured cross-platform compatibility with Docker containers and Ansible playbooks
- Experience with multiple DevOps tools: Jenkins, Docker, Nagios, Kubernetes, Ansible, Azure, Git

TNTechnologies   **Feb 2020 – Nov 2021**
IT Technician / Software Developer   *Cedar Park, Texas (hybrid)*
- Integrated multiple industry leading IT solutions through their respective APIs speeding up tasks saving hundreds of labor hours (Atera, AutoTask, ConnectWise Control)
- Remote based Windows IT support. Workstation repair, maintenance, patching, deployments, troubleshooting, etc.
- Experience with Active Directory to manage a large client user base
- Communicated with clients to satisfy IT requirements
- Maintained on site VMs through patches, installations, and physical upgrades

Projects

Self-Hosted Website with Azure DR | *Red Hat Linux, Azure, Datadog, Python*   **July 2023**
- Implemented Red Hat Linux and Nginx on personal server and Azure DR
- Used CI/CD with Github Actions to automatically deploy website updates
- Integrated Datadog monitoring with webhooks to automatically configure disaster recovery
- Used Python to intercept webhook and integrate with Cloudflare DNS API

Power Line Fault Identification With AI | *Node.js, Vue, Javascript, Django, Python*   **Jan 2023**
- Developed a neural network for 3-phase power line fault identification using Simulink and Matlab
- Implemented full stack development for MCU, database, and frontend communication
- Created a REST API for Django database and documented API requests with Postman
- Developed front end system to display fault information to grid operators

User Provisioning | *Python, Jenkins, Ansible, Docker*   **June 2022**
- Automated user account permission provisioning using Jenkins and Docker
- Used Docker to quickly integrate proprietary APIs
- Created external team modifiable lookup table for application types, versions, and permissions

ConnectWise Control/Atera integration | *HTML/CSS, Javascript, C#*   **April 2021**
- Developed an extension for ConnectWise Control to gather system data from Atera's REST API
- Reverse engineered ConnectWise Control's code base for useful functions
- Processed machine data from Atera for ConnectWise notifications
- Collaborated with ConnectWise team for code approval requirements

Client Checker | *C++*   **May 2020**
- Designed data processing software to automate spreadsheets for auditing software
- Accepted input data from CSV files extracted from Antivirus software, ConnectWise Control, and Atera
- Generated spreadsheet for technicians to view system data and software installations
- Signed software with a valid certificate to verify publisher information

About Me

Learn more about me on my website https://lucianp.com