

LUCIAN PERNICIARO IV

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Education

Texas A&M University

Bachelor of Science in Computer Engineering

College Station, TX

AWS

Certified Developer Associate

Apr 2024 - 2027

Technical Skills

Languages: Python, C#, HTML/CSS, JavaScript, SQL

Developer Tools: Azure DevOps, Databricks, JIRA, VS Code, Jenkins

Technologies/Frameworks: Linux, Windows, AWS and Azure Cloud, Git, Angular, React, Vue.js, InfluxDB

Work Experience

ASML | *via Itility*

Jul 2024 – Current

Data Engineering

San Diego, CA (hybrid)

- Orchestrated data ingestion pipelines
- Databricks / Spark / Python stack
- Cross team enablement of secure data analysis
- Agile / scrum experience

AMF | *via Itility*

Oct 2023 – May 2024

Full Stack Cloud Native SaaS Web Development

Austin, TX (hybrid)

- CI/CD with Azure DevOps to deploy software stack
- Full Stack Development comprising of multiple backend features for data analysis
- Implemented major upgrades for Angular framework and .NET backend API
- Maintained updated of critical dependencies to avoid downtime
- Provided on call support to resolve production downtime
- Led demo meetings demonstrating new features

Itility US

Oct 2023 – Current

IT Consultant / Software Engineer

San Diego, CA (hybrid)

- Engineer for industrial manufacturing data analysis platforms
- Consulted with client stakeholders to identify and prioritize features
- Gained domain expertise in manufacturing operations, enabling the delivery of tailored solutions
- Implemented new features and improvements based on client feedback within agile sprints

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
- Troubleshoot 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

- Firepoint CRM Data Export** | *Independent Contract - Mortgage Industry* | *Python, Selenium* **Nov 2023**
- Python / Selenium based web scraper
 - Object Oriented development gathering key CRM information
 - Provided automated data export of thousands of user records
 - No data exportation natively supported / intentionally hindered
- 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

About Me

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