

# LUCIAN PERNICIARO IV

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## Education

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### Texas A&M University

Bachelor of Science in Computer Engineering

College Station, TX

### AWS

Certified Developer Associate

Apr 2024 - 2027

## Technical Skills

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

**Developer Tools:** Azure DevOps, JIRA, VS Code, Jenkins, Ansible, Nagios, Oracle SQL

**Technologies/Frameworks:** Linux, Windows, Git, Angular, React, SSL, SSH, Vue.js

## Work Experience

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### Itility US

Oct 2023 – Sep 2024

IT Consultant / Software Engineer

San Diego, CA (hybrid)

- Engineer for industrial manufacturing data analysis platform
- Consulted with client stakeholders to identify and prioritize features
- Gained domain expertise in manufacturing operations, enabling the delivery of tailored solutions
- Full-stack development to implement new features and improvements based on client feedback within agile sprints
- Implemented major upgrades for Angular framework and .NET backend API
- On call support to resolve production downtime

### 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

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Full Stack SaaS Web Development | via Itility US | Angular, Python, InfluxDB, C#

Oct 2023 - May 2024

- CI/CD with Azure DevOps to deploy software stack
- Full Stack Development comprising of multiple backend features for data analysis
- Maintained updated of critical dependencies to avoid downtime
- Led meetings demonstrating new features to clients

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**

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