

Trey Pubins

Surprise AZ, 85388 | (623) 693-8560 | trey.pubins@gmail.com | <https://www.treypubins.com>

Design Engineer with 3 Years of Experience, Specializing in the Building and Deployment of Workflow Automation Tools

Skills & Certifications

- **AWS Certified Cloud Practitioner**
- **Backend Software Development Certification – Promineo Tech**
- **Programming –Python, Javascript/Typescript, MATLAB, GitHub**
- **Lean Six Sigma Certified – Green Belt**
- **OSHA 30 Certified**

Projects

- Developed a Python-based Estimation Tool using inventory management APIs to connect to company warehouse and provide reliable cost-bidding data to the Sales Team
- Developed a Python-based GUI that retrieves and populates templates with client and personnel data for Accounts Payable
- Created multi-connected Workbooks that reliably update day-to-day operations and retrieve any document from company share site using Excel VBA and Macros including the inventory of materials in excess of \$100k

Professional Experience

Project Manager – Pinnacle Facility Engineering 03/2025-Present

- Estimated material and manpower requirements by utilizing inventory APIs and workforce experience to provide competitive project bids
- Revamped Product Management to accelerate access to purchasing data information and make informed decisions based on inventory throughput
- Tracked progress and deliverables with clients to ensure timeliness and created necessary adjustments to scheduling
- Oversaw foremen and teams in the field to ensure steady progress and identify solutions to field conflicts

Project Coordinator – Marketch International 01/2024-11/2024

Turnkey Solutions for the Semiconductor and Opto-Electronics Industries

- Created an interconnected system of Excel sheets to transfer financial and progress data of different groups using Macros
- Automated template population for Accounts Payable using Python PDF extraction and tabulated data frames
- Scheduled and coordinated labor and material assets to meet customer installations using Procore
- Revamped Project Requisition queries to deliver accurate calculations and increase efficiency

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Superintendent – Marketech International

02/2023-12/2023

- Utilized Excel Macros to convert and expand functionality of mass-distributed scheduling
- Converted spools into workable 3D models and associated 2D drawings using Fusion 360
- Communicated with client engineers on deliverables
- Mediated client requests with subcontractors and supervised progress

Field Service Engineer ASM America

08/2021-02/2023

- Analyzed schematics for diagnosing equipment installation errors
- Created automated tracking systems for FSE assignment & learning and tool status in Smartsheet

Education

Ira A. Fulton Schools of Engineering at Arizona State University

Bachelor of Science: Engineering Robotics

Master of Science: Manufacturing Engineering