

# Tanner Pubins

Results-driven software developer with 9.5 years of experience specializing in full-stack and serverless cloud development, delivering scalable, high-performance applications

tannerp@topshelfsoftware.com ✉  
(602) 622-1110 ☎  
Phoenix, AZ 📍  
<https://tannerpubins.com> 🌐

## Relevant Experience

### Pratt & Whitney

Senior Software Engineering Manager Jul 2025 — Present

Software Engineering Manager Aug 2023 — Jul 2025

Senior Cloud Developer Feb 2022 — Aug 2023

- Architect, develop and maintain full-stack apps on AWS to automate engineering evaluations for jet engine hardware
- Build and deploy scalable, high-performance RESTful APIs for common microservices used across multiple developer teams
- Drive technical and non-technical decisions as Product Owner to shape the product roadmap and deliver impactful solutions
- Champion a test-driven culture by advocating best practices, implementing CI/CD pipelines with GH Actions, and mentoring teams to improve code quality and accelerate deployments
- Develop comprehensive user docs and training curriculum
- Migrated production app seamlessly to Enterprise cloud with zero downtime, data loss, or user impact
- Invented novel solution to remove damage within a finite element model of a component; co-inventor of Patent Pending (U.S. Patent Application No. 18/632,725, filed Apr 2024)

### Collins Aerospace

Fullstack Software Engineer Jan 2017 — Feb 2022

- Designed and built engineering tools and hardware emulators using the desktop app framework, Electron
- Developed and maintained ARINC 661 (spec.) SDKs to support customers building end-user applications for cockpit displays
- Led agile ceremonies as Scrum Master, increasing team predictability and ensuring consistent value delivery
- Verified software requirements to support DO-178 certification
- Deployed cross-platform applications by packaging installers, encrypting source code and configuring license managers
- Earned a Level 1 Excellence Award for driving results on product rejections at Airbus flight assembly line

## Skills

### Languages & Technologies

Python, Swift, C/C++, Java, Bash, SQL, JavaScript, TypeScript, HTML, CSS

### Amazon Web Services (AWS)

API Gateway, AWS Certificate Manager, CloudFormation, CloudFront, CloudWatch, DynamoDB, EC2, ECS, Fargate, IAM, Lambda, OpenSearch, RDS, Route 53, Secrets Manager, S3, SNS, SQS, SSM, Step Functions

### Tools & Platforms

Docker, GitHub Actions, Jenkins, AWS SAM, Zenhub, Jira, PostgreSQL, Postman, draw.io, Codecov

### Frameworks & Libraries

FastAPI, Django, Flask, pytest, Jest, React, Next.js, Tailwind CSS, SwiftUI

## Certifications



## Education

### Arizona State University

Computer Science, MCS Dec 2020  
Aerospace Engineering, BSE Dec 2016

### Biola University

Engineering Physics, BS May 2016