

TAHIR MONTGOMERY

Dothan, Alabama (or remote), 850-559-7651 · tahirmontgomery@gmail.com · [linkedin.com/in/tahir-montgomery](https://www.linkedin.com/in/tahir-montgomery)

Full-stack engineer with 4+ years building scalable services and integrations in Node/TypeScript (and Go), with strong cloud + data pipeline experience. Designed and operated microservices processing **12TB/day**, built enterprise integrations (cloud contact centers), led safe production upgrades (MySQL 5.7→8), and improved reliability with automated testing and pragmatic release strategies (canary/blue-green).

PROFESSIONAL EXPERIENCE

Clerkie, Remote

April 2026 – Now

Voice Team | Software Engineer 2

- Building AI voice agents for debt collection agencies as one of two engineers on the Voice team, enabling automated outreach campaigns, live call handling, and automated dispositions for debtor communications.
- Architected a Kafka \+ actor-model system that scales to **thousands of concurrent calls**, providing fault isolation and resilient state management across the call lifecycle.
- Engineered real-time voice pipelines integrating SIP/WebRTC telephony (Telnyx, LiveKit) with LLMs and STT/TTS, achieving **sub-500ms** response latency for natural, low-latency conversations.
- Delivered campaign execution tooling for targeted debtor outreach at scale, including automated call dispositioning to reduce manual agent workload.
- Built and operated TypeScript services on AWS, owning design, deployment, and reliability for production voice workloads.

BeBlended, Remote

Sept 2025 – Apr 2026

Chief Technology Officer & Co-Founder

- Owned end-to-end engineering for a two-sided marketplace for Black hairstylists, including booking flows, calendars, chat, admin tooling, and payments.
- Built and operated payments + monetization (Stripe billing), processing **\$30K+** in payments YTD.
- Supported growth to **500+ client signups** and **70+ stylists (5 paying, 65 free)**, averaging **10+ bookings/month**.
- Partnered with CEO/ops to iterate pricing and product gates (free vs paid usage), aligning roadmap to retention + activation goals.
- Established release + reliability practices (CI/CD, monitoring/alerts, bug triage, rollback discipline) to keep production stable as features shipped fast.
- Reduced support burden by improving self-serve flows (booking edits/cancellations, payouts, onboarding steps), while also automating support responses through tools like ZoHo, cutting back-and-forth and manual intervention.

Medbridge, Remote

Jan 2025 – Sept 2025

Platform Team | Software Engineer 2

- Developed a Python-based static analysis tool to identify compatibility issues in application code ahead of a MySQL 8 upgrade, reducing QA regression time.
- Upgraded legacy PHP 7.4 codebase to PHP 8 using canary releases + automated testing pipelines to improve performance, security, and stability.
- Led production MySQL 5.7 → 8 upgrades using blue/green deployment strategies, saving **\$10K+/month** in AWS extended support fees.
- Modernized AWS SDK libraries across a monolith to unblock newer AWS features and improve long-term maintainability.
- Designed PR-based CI/CD pipeline for dev builds, increasing deployment cadence from **weekly → daily**.
- Executed frontend dependency upgrades (Bootstrap/jQuery/Angular) to eliminate known CVEs and align with modern security standards.

Qualtrics, Remote

Sep 2021 – April 2024

Extended Integrations Team | Software Engineer 2

- Designed and maintained microservices processing **12TB/day** of audio + metadata.
- Led development and launch of a real-time agent assist platform, improving support operations efficiency by **~20%**.
- Delivered **\$600K** in revenue via customer-specific implementations and integration rollouts.
- Migrated customers/services from IBM servers to AWS + Kubernetes, reducing costs by **~15%**.
- Enhanced security of services and container images by implementing industry best practices for logging, data sanitization, secure secrets storage and container hardening
- Provided guidance and mentorship through documentation and pair programming with junior engineers, promoted to SWE II (May 2023).

Spathe Systems (D.O.D Government Contractor), Tampa, FL

May 2020 – Sep 2021

Application Developer

- Interned for 8 months (May 2020-December 2020) and was subsequently hired for full time work.

EDUCATION

University of South Florida, Tampa, FL

2017-2021

Bachelor of Computer Science

- Graduated Cum Laude (3.5 GPA)

SKILLS & OTHER

Core: TypeScript/JavaScript, React, Node.js, REST APIs, SQL (MySQL/Postgres), NoSQL (MongoDB)

Cloud/DevOps: AWS, Docker, Kubernetes, CI/CD (Jenkins/GitHub Actions)

Backend/Systems: Microservices, Redis, Kafka SQS/RabbitMQ, Elasticsearch

Voice/Real-Time: SIP/WebRTC, Telnyx, LiveKit, LLMs, STT/TTS

Additional: Go, PHP, Python, GraphQL

Projects

Scribe

- Developed a cutting edge desktop application for the Fish and Wildlife Conservation Commission across Alaska, Texas and Florida. Scribe simplifies wildlife data collection and survey processes by incorporating audio playback and map/geospatial APIs to significantly decrease the time to reconcile and record national conservation efforts. Built with Electron JS, NodeJs, React and Google Maps

Arcadia Resorts Club

- Built a comprehensive web application for hotels and resorts, seamlessly integrating member points, reservations, and property management systems. The platform enhances the guest experience through advanced features and a user-friendly interface, modernizing hospitality management for a chain of establishments in the Tampa area. Utilized technologies such as React.js, Node.js, AWS and several Property management system Apis

Siligrams Inventory Processing System (SIPS)

- Designed and deployed a robust web application for an e-commerce shop specializing in silicone kitchenware. SIPS integrates platforms like Etsy and Amazon for real-time order tracking and management, streamlining the fulfillment process and boosting operational efficiency and customer satisfaction.