Tyson Bruce

AI Developer | Full-Stack Engineer | Building with Claude, Next.js & React

tysonstechsolutions.com | github.com/tysonstechsolutions

PROFESSIONAL SUMMARY

AI-augmented developer who ships fast. Builds full-stack applications using Claude AI, Next.js, React, Python, and Kotlin - from idea to production in days, not months. 7 production projects including 2 live business websites serving real customers.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, Tailwind CSS

Backend: Node.js, Python, Flask, Supabase

AI/ML: Claude API, OpenAI Whisper, MediaPipe, Computer Vision

Mobile: Kotlin, Jetpack Compose, Android

Payments: Stripe integration

Deployment: Vercel, Railway

FEATURED PROJECTS

King City Disposal   LIVE

Full business web app

Tech: Next.js, Supabase, Stripe, Claude AI, Twilio

Features: AI chatbot, booking system, admin dashboard, SMS notifications

github.com/tysonstechsolutions/King-City_Disposal

Pinpoint Parking   LIVE

Business web app

Tech: Next.js, Supabase, Stripe, Google Maps

Features: Parking management, payment processing, location services

github.com/tysonstechsolutions/pinpoint-parking

TysonsTechSolutions   LIVE

Portfolio/SaaS Platform

Tech: Next.js 16, React 19, Stripe

github.com/tysonstechsolutions/tysonstechsolutions

Milio

Android AI Voice Assistant

Tech: Kotlin, Jetpack Compose, Claude API, ElevenLabs TTS

Features: Wake word detection ("Hey Milio"), 50+ voice commands, accessibility service for device automation, ADHD-focused task management

github.com/tysonstechsolutions/Milio

Swing Solutions

AI Golf Swing Analyzer

Tech: Python, Electron, Claude Vision, MediaPipe

Features: Real-time pose estimation, AI swing analysis for Twitch streamers

github.com/tysonstechsolutions/swingsolutions

AI Tweet Generator

Chrome Extension

Tech: React, Claude API, Stripe

Features: AI-powered tweet generation, subscription billing

github.com/tysonstechsolutions/ai-tweet-generator

Viral Clip Generator

Web App

Tech: Python, Flask, React, OpenAI Whisper, Claude

Features: Auto-extract viral moments from videos, speech transcription, vertical reframing for TikTok/Reels

github.com/tysonstechsolutions/viral-clip-generator

PROFESSIONAL EXPERIENCE

AI Developer / Full-Stack Engineer

TysonsTechSolutions | Self-Employed

- Built AI-powered web and mobile applications using Claude API, Next.js, and React

- Developed full-stack business websites with AI chatbots, Stripe payments, and admin dashboards

- Created Android voice assistant using Claude API with wake word detection and 50+ voice commands

- Shipped Chrome extension SaaS with Stripe subscriptions and AI-powered content generation

KEY STRENGTHS

- Ships production-ready apps rapidly using AI-augmented development

- Full-stack capability: frontend to backend to mobile

- Deep experience with Claude API integration across multiple app types

- 7 completed projects, 3 currently live and serving users