KENNETH ACOSTA

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EDUCATION

The University of Texas at San Antonio **Aug 2024 – Present**
B.S. Software Engineering, Artificial Intelligence Concentration *San Antonio, TX*

- Expected graduation: Spring 2027 • Junior standing (89 credit hours) • Major GPA: 3.80
- Coursework: Data Structures, Discrete Math, Programming in C, OOP, Linear Algebra, Calculus I–III, Physics I–II
- Summer 2026: Systems Programming, Computer Organization, Database Systems, Math Foundations of CS

The University of Texas Rio Grande Valley **Aug 2022 – May 2024**
Engineering coursework — transferred to UTSA *Edinburg, TX*

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, TypeScript, Swift/SwiftUI
Tools: Git, GitHub, VS Code, Xcode, Bash CLI, Netlify, Twilio, Docker, PostgreSQL
AI Tools: Claude (Opus, Sonnet, Haiku), Claude API, ChatGPT, Gemini, DeepSeek
Concepts: OOP, data structures, algorithms, serverless APIs, AI/ML fundamentals, prompt engineering
Spoken: English & Spanish (both native)

PROJECTS

SaferRing — AI Call-Screening App for iPhone **2026 – Present**
SwiftUI, CallKit, Twilio Voice, TypeScript, Node.js, PostgreSQL, Claude API *Live on the App Store*

- AI call screener on the App Store: unknown callers state their name and reason, then get connected, warned, or blocked
- Three services: SwiftUI iPhone app, TypeScript serverless call backend, and Node accounts service (Better Auth, PostgreSQL, 2FA)

Veloce Studio — Business Website **2024 – Present**
HTML, CSS, JavaScript, Claude AI API, GitHub Pages

- Built the full website for my vehicle wrap business from scratch and deployed it on GitHub Pages
- Set up a quote and appointment form that emails me directly every time a customer submits a request
- Connected it to Instagram so the gallery updates on its own when I post new work
- Added a daily AI summary using the Claude API that gives me a quick rundown of new requests each day

Data Structures Implementations **2024**
Java, Python — UTSA CS coursework

- Wrote linked lists, binary trees, hash maps, and sorting algorithms from scratch
- Compared time and space complexity across different approaches for each structure

EXPERIENCE

SaferRing **2026 – Present**
Founding Engineer *Remote*

- Built the iPhone calling layer: CallKit + PushKit VoIP push so screened calls ring natively, with Keychain sessions and token refresh
- Wrote the screening pipeline: Twilio signature checks, forwarding-loop detection, follow-up questions, and 3 user-set block levels
- Built a verification library of 1,000+ companies and their real support numbers and policies to catch impersonation calls
- Red-teamed 24 adversarial scam calls; keyword rules caught 0%, so I rebuilt detection around Claude with rules as a fallback
- Built privacy-first contact sync with HMAC-hashed numbers, so saved contacts skip screening and names never leave the phone
- Shipped ~9,000 lines across 3 services with 170+ tests, using Claude as a coding partner and reviewing and testing all AI code

Veloce Studio **Apr 2024 – Aug 2026**
Owner / Operator *Brownsville / San Antonio, TX*

- Started my own vehicle customization business doing vinyl wraps, window tint, and paint protection film while going to school full time
- Built the client base from nothing — ran the Instagram page, responded to leads, and turned them into booked jobs
- Handled everything: quoting, scheduling, buying materials, doing the installs, and following up with customers
- Zero margin for error — bad cuts, bubbles, or misalignment are immediately visible, so precision is non-negotiable

A-1 Pro Termite and Pest Control **Jan 2020 – Aug 2026**
Pest Control Technician *Brownsville / San Antonio, TX*

- Worked here for 6 years, through high school and into a full engineering degree
- Ran residential and commercial service routes following company protocol and Texas state regulations
- Walked customers through what was treated and what to expect, in English and Spanish
- Kept routes on schedule and made sure any callbacks got taken care of within the same week