Jithen Shriyan

(813) 751-9547 | shriyanjithen@gmail.com | linkedin.com/in/jithenms/ | github.com/jithenms/

EDUCATION

University of Florida, Herbert Wertheim College of Engineering **Expected May 2028**
Bachelor of Science in Computer Science; Minor in Mathematics Major GPA: 3.83/4.0
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Linear Algebra 1, Introduction to Probability Theory

EXPERIENCE

Software Engineer Intern, Whop – Palo Alto, CA **May 2026 – Aug 2026**
- Led development of the Whop Tax Service, automating sales tax, VAT, and GST calculation and collection across 90+ countries by customer jurisdiction and product taxability
- Built self-remittance infrastructure allowing merchants to use their own tax registrations and receive collected taxes through platform payouts while retaining filing responsibility
- Extended Whop's REST API with tax calculation and collection for connected accounts, supporting platforms including Replit and SideShift

Software Engineer Intern, Ybor Technology – Tampa, FL **Jun 2025 – Aug 2025**
- Built a service catalog and code-scaffolding system that generated deployable applications from configured templates in under 2 minutes by orchestrating containerized jobs with Argo Workflows
- Developed Azure and JFrog integrations in Rust and GraphQL, connecting customer cloud environments and artifact repositories to platform services
- Built self-service usage-based billing with Stripe, enabling metered plan subscriptions and automated invoicing based on platform usage

Software Engineer Intern, Nirvana Money – Miami, FL **Sep 2021 – Nov 2022**
- Built an event-driven multi-channel notification service with Java, Spring Boot, and AWS SQS, delivering 10,000+ customer notifications daily
- Implemented two-factor authentication and account-recovery workflows across the React web app and Spring Boot backend, securing 10,000+ user accounts
- Built company blog using Next.js and a headless CMS, enabling non-technical teams to independently publish and manage content

PROJECTS

Minicode, *CLI coding agent harness* **2026**
- Built a coding agent harness that executes software engineering tasks through a reason-execute-verify loop, coordinating model decisions with filesystem, search, editing, shell, and diff-inspection tools
- Designed reliability and safety controls including structured tool contracts, workspace path enforcement, repeated-failure suppression, and verification-gated completion requiring fresh inspection after code mutations

Tally, *Double-entry payment ledger* **2026**
- Built a double-entry payment ledger modeling payments, refunds, settlements, and payouts as immutable, balanced journal entries, with PostgreSQL as the durable source of financial truth
- Engineered idempotent, crash-safe asynchronous processing with BullMQ and Redis, backed by property and integration tests enforcing accounting invariants across retries and worker failures

Studify, *AI-powered study assistant* **2025**
- Built an AI study assistant that transforms uploaded notes, lectures, and problem sets into personalized, source-cited explanations grounded in each student's course materials
- Implemented a retrieval-augmented generation pipeline that stores documents in AWS S3, indexes embeddings with PostgreSQL and pgvector, and retrieves relevant context for grounded LLM responses

AidLink, *1st Place at UF/IBM AI Days Hackathon* **2024**
- Built an AI-powered emergency-response platform that converts live phone calls into structured disaster-assistance requests and visualizes geolocated incidents on an interactive responder map

SKILLS

Languages: TypeScript, JavaScript, Python, Ruby, Java, SQL, C++, Rust
Technologies: Next.js, React, Node.js, Ruby on Rails, Spring Boot, Django, PostgreSQL, Redis, GraphQL, REST, gRPC
Tools: AWS, Docker, Git