

Jithen Shriyan

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EDUCATION

University of Florida

B.S. in Computer Science, B.S. in Mathematics

Expected May 2028

GPA: 3.56/4.0

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Linear Algebra 1, Introduction to Probability

EXPERIENCE

Software Engineer Intern, Whop – Palo Alto, CA

May 2026 – Aug 2026

- Led development of the Whop Tax Service from 0 to 1, automating sales tax, VAT, and GST calculation and collection across 90+ countries for \$180M+ in annualized GTV based on customer jurisdiction and product taxability
- Built tax self-remittance support allowing 20K+ merchants to bring their own tax registrations and receive collected taxes through platform payouts with Ruby on Rails
- Extended Whop's public API with tax calculation and collection for connected accounts, supporting 100+ platform customers

Software Engineer Intern, Ybor Technology – Tampa, FL

Jun 2025 – Aug 2025

- Developed a self-service code scaffolding platform in Next.js to generate deployable applications in under 2 minutes, cutting time to first deployment by 80%
- Implemented Azure and JFrog integrations in Rust and GraphQL, automating manual environment and artifact repository setup and reducing customer onboarding time by 60%
- Built usage-based billing with Stripe, automatically metering platform consumption and invoicing customers without manual billing workflows

Software Engineer Intern, Nirvana Money – Miami, FL

Sep 2021 – Nov 2022

- Built an event-driven multi-channel notification system with Java, Spring Boot, and AWS SQS, delivering 10K+ customer notifications daily
- Implemented two-factor authentication and account recovery workflows across React web app and Spring Boot backend, securing 15K+ 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

2026

- Built a coding agent harness that executes software engineering tasks by coordinating model decisions with filesystem, search, editing, shell, and diff-inspection tools
- Designed structured tool contracts, workspace isolation, and post-edit verification to improve reliability across multi-step code changes

Tally, Double-entry payment ledger

2026

- Built a double-entry payment ledger to model payments, refunds, settlements, and payouts using immutable, balanced journal entries in PostgreSQL
- Engineered idempotent asynchronous processing with BullMQ and Redis, preserving accounting invariants across retries and failures

Studify, AI-powered study assistant

2025

- Built a study assistant that generates source-cited answers from uploaded notes, lectures, and problem sets
- Implemented a retrieval-augmented generation pipeline with OpenAI and pgvector for image-to-text conversion, vector embeddings, and semantic search

AidLink, 1st Place at UF/IBM AI Days Hackathon

2024

- Built an emergency response platform with a voice agent that triages live phone calls, extracts assistance intent, and sends structured requests via webhooks to a responder dashboard
- Developed a responder dashboard in Next.js to surface incident details on a live map for disaster response teams

SKILLS

Languages: Python, Java, TypeScript, JavaScript, Ruby, C++, Rust, SQL

Libraries & Frameworks: Next.js, React, Django, Spring Boot, Ruby on Rails, Node.js, Express.js, GraphQL, gRPC

Tools: Git, Linux, PostgreSQL, Redis, Docker, Kubernetes, CI/CD, AWS