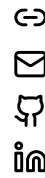# ROHAN GODHA
FULLSTACK ENGINEER

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EXPERIENCE

NewGen Business Solutions, Intern   *May 2023 – Aug 2023*
- Modernized Oracle's SuiteCloud Extension testing framework by migrating from Jest version to Vitest
- Created tests for 80% of all API endpoints in ConventionSuite, NewGen's primary product, increasing confidence in their ongoing rewrite from Create-React-App to Vite
- Led effort to modernize target client database, increasing conversion rate on email marketing campaigns

EDUCATION

Georgia Institute of Technology, College of Computing   *Aug 2024 – May 2027*
Candidate: B.S. in Computer Science with concentrations in Devices and Intelligence
- **Courses**: Data Structures & Algorithms, Linear Algebra
- **Activities**: Marine Robotics Group, dependently-types, Competitive Programming

Brophy College Preparatory   *Aug 2020 – May 2024*
- **Courses**: Intro to Engineering, Advanced Innovative Technology, GPA: 4.519/4.0
- **Activities**: Broncobotics, Coding Club, National Honors Society, Brophy Big Brothers

ACTIVITIES

Broncobotics, Head of Technology   *Aug 2020 – May 2024*
- Created virtual courses to teach over 70 students CAD, Programming, Project Management, and Machining
- Led team to second place finish in the Las Vegas FRC Regional in 2022 as programmer and strategist
- Spearheaded 20 student team creating and coding a robot in 6 weeks for the FIRST Robotics Competition

Marine Robotics Group, Member   *Aug 2024 – Present*
- Updated internal documentation in the RobotX competition repository to make onboarding simpler
- Created a web-based dashboard to display telemetry data from the autonomous boat and UAV

PROJECTS

Brophy Attendance System   *rgodha.com/attendance*
- Built an attendance system in use at Brophy College Prep based on scanning barcodes on student ids
- Created and integrated a Raspberry Pi-based barcode scanner in Rust, an AWS Lambda based backend in Typescript, and a realtime, local-first, web dashboard in Typescript using technology like SST and React

Portfolio   *rgodha.com/portfolio*
- Utilized SolidJS and Astro to create a unique portfolio website based around animated text and canvases
- Built a resume generator using typst to create a resume from a TOML file and display it on the website

Advent of Code   *rgodha.com/aoc*
- Solutions for the competitive programming challenge Advent of Code, in Rust, Python and Typescript
- Used Advent of Code to teach 30+ students programming as President of the Coding Club

cryptenv   *rgodha.com/cryptenv*
- A Rust-based tool to store encrypted environment variables, and switch between them for different projects

SKILLS

- **Languages**: English (Native speaker), Hindi (Conversational), Spanish (Basic proficiency)
- **Programming Languages**: Javascript/Typescript, Rust, Python, Java, Go
- **Web Development**: React, Next.js, Svelte & Sveltekit, Tailwind CSS, AWS, Serverless, IAC, Cloudflare Pages
- **Interests**: Overwatch (2x national champion), Rap and Hip-Hop music (JID, Kendrick Lamar)