

# Sid Ganti

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## SUMMARY

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Dynamic full-stack engineer with over a year's experience driving impactful solutions. Transformed Michigan code bases, led 9-student teams, ignited project success. Passionate, detail-oriented, design-savvy for enterprise innovation.

## EDUCATION

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### University of Michigan

*Bachelor of Science in Data Science*

Ann Arbor, MI

*September 2018 – April 2023*

## EXPERIENCE

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### Senior Software Engineer

June 2023 – Present

*getSocrates.ai*

*Remote, USA*

- Pioneer in AI-content startup: Founding engineer; driving passion, precision, enterprise-scale design innovation.
- Energized mentor who empowered intern engineers in dynamic web projects, fueling enterprise-level design finesse.
- Drove NextJS, Supabase, OpenAI web app with fervor, meticulous design, enterprise-scale insight.

### Software Engineer

April 2022 – Present

*University of Michigan*

*Ann Arbor, MI*

- Enhanced lecture transcription via AWS Lambda, Python, OpenAI Whisper API for precision, enterprise impact.
- Enthusiastically built Node.js email system, tackling classroom AV errors through meticulous cron orchestration.
- Revitalized integration: Linked classroom mic code via React, Node.js to amplify monitoring infrastructure.

### Teaching Assistant

September 2020 – December 2020

*University of Michigan - Dearborn*

*Dearborn, MI*

- Passionately taught C/C++ OOP, and data structures, igniting students' prowess for enterprise-level innovation.
- Energetically guided 20+ students in immersive lab sessions, fostering excellence in enterprise-driven skills.

## PROJECTS

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### Maestro | *Python, Flask, TypeScript, React JS, Docker, PostgreSQL*

January 2023 – Present

- Dynamically orchestrated a nine-member squad, crafting an AI-infused Spanish teaching web app with precision.
- Activated OpenAI's GPT-3 and DALL-E APIs for crafting card text and visuals with cutting-edge finesse.
- Invigorated systems: Integrated Supabase API, unleashing PostgreSQL's might to store and manage user data.
- Championed Flask server and React TypeScript client, through meticulous containerization and dynamic design.

### Instagram Clone | *Python, Flask, React JS, TypeScript, Bootstrap, AWS*

September 2022 – Present

- Vigorously crafted Instagram prototype, fusing passion, precision, design foresight for scalability.
- Dynamically empowered SQLite backend with Flask REST API; frontend thrives on React and Bootstrap.
- Active deployment: Catapulted application on AWS EC2, infusing precision and scalability into enterprise tech.

### Live Monocular Depth Estimation | *Python, Tensorflow, Keras, Matplotlib, DNN*

March 2023 – April 2023

- Motivated innovation: Engineered CNN model for real-time depth prediction via monocular RGB camera feed.
- Innovated cutting-edge: Orchestrated dynamic two-layer CNN with Tensorflow, igniting innovation, precision.
- Animated visualization: Crafted model vs. depth camera data visuals with Matplotlib, igniting insight, innovation.

## SKILLS

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**FRONTEND FRAMEWORKS:** React JS, Vue JS, JavaScript, TypeScript, TailwindCSS, Bootstrap CSS

**BACKEND FRAMEWORKS:** Supabase (PostgreSQL, SQLite, MongoDB)

**DATABASE'S:** Git, Docker, AWS, Unix, Supabase, Pinecone

**DEVOP'S:** UNIX, Linux, Git, Docker, Github actions, AWS, Kubernetes, GCP Associate Cloud Engineer Certification (In progress)

**AI:** OpenAI, Langchain, Vercel AI, PyTorch, Tensorflow

**Languages:** Python, JavaScript, TypeScript, C, C++, Java, Bash, HTML, CSS