

Sid Simhadri

Software Developer

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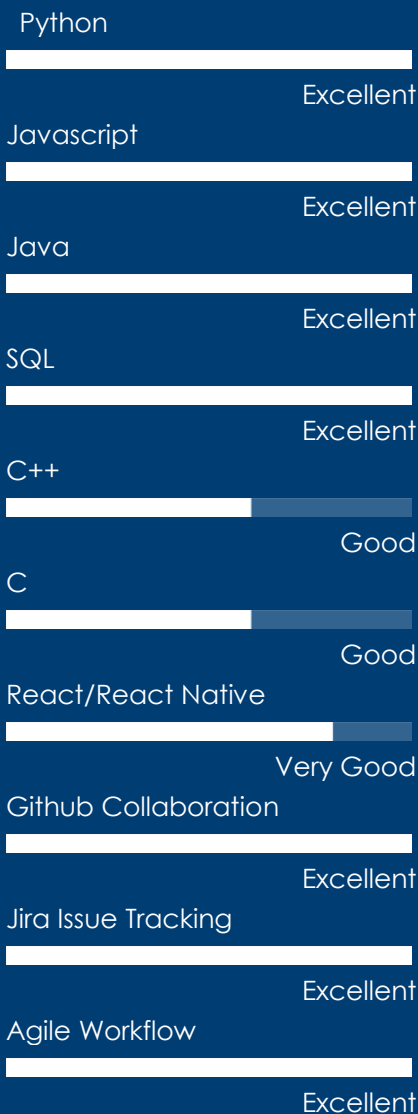
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Education

BS: Computer Science

Northeastern University Khoury
College 2023-05

Skills



Dedicated and Curious developer with strong Full-Stack experience from 4 years of project-based learning and 1 year of Industry experience. Familiar with agile processes and comfortable with collaborating across teams.

Work History

2022-08 -

2022-12

Backend Developer Co-op

Tyler Technologies, Falmouth, MN

- Built backend for multiple large scale enterprise apps that will be published for customers in early 2023.
- Wrote advanced SQL queries involving large joins, merges, subqueries, and user defined functions.
- Created APIs to integrate the backend services with Angular frontend, modified frontend on request from testers, and tested functionality using Postman.

2021-09 -

2021-12

Full Stack Developer Co-op

Jellyfish, Boston, MA

- Worked within a full stack team to respond to customer feedback and squash app performance and infra bugs (primarily in SQL and Python with some React.js).
- Built an interactive slack bot API to reserve staging environments using slash commands in slack chat.
- Prepared company database for sharding by writing SQL scripts and generating migrations.

2020-07 -

2020-09

Data Analyst Intern

DeepScribe AI

- Used SQL and Python to process data, improve data quality by scrubbing outliers and generate charts that analyze product usage and customer growth trends.
- Wrote a technical requirements document and presented to the CFO and CEO to get approval for further action to clean data.
- Wrote python scripts that could be ran on a schedule to enforce data quality automatically

Projects

MVC Animator

- Used MVC design pattern to design an animator to convert textual inputs into the user's choice of either SVG or Java Swing animation.
- The editable Swing animation enabled users to play, pause, fast forward, and restart the animation, and decide if it should loop when completed.

Fitness App

- Built a full stack fitness app in React using axios and MYSQL to store user data.
- Users can create accounts, create workout plans, track and use the plans, and view charts generated from their workout performance.

Key Value Datastore (Raft)

- Built a distributed, replicated key-value datastore that supported get and put requests using raft protocol to maintain consensus between replicas.