

INDIA SCHLAE HILL

917-741-8036 • indiaschlaehill@gmail.com • [GitHub](#) • [LinkedIn](#)

TECHNOLOGIES

- **Fullstack** - CSS3, HTML5, Bootstrap, Figma, Git, JavaScript, Kaboom.js, PostgreSQL, Express.js, Node.js, SQL, Knex.js
- **Other** - MatLab, Notion, AWS, YouTube Data V3 API
- **Data** - CI/CD Pipelines, Scala, Scio - A Scala Framework for Apache Beam, Luigi Pipeline, Kubernetes, Google Cloud Storage, BigQuery, Parquet, Avro, Cloud Dataflow, Git & GitHub Pages

EXPERIENCE

Associate Data Engineer (Tech Fellowship Program) | Spotify  New York, NY | August 2023 - February 2024

- Joined Incident Detection and Response team, overseeing audit log pipelines and incident report datasets.
- Registered diverse datasets into internal record systems, optimizing storage usage & fulfilling data retention requirements.
- Built an Apache Beam pipeline for processing BigQuery and GCS datasets that transforms, filters, and links key-mapped user demographics with songs, creating a dataset that generates playlists for diverse age, gender, and regional groups.
- Development Tools: Data Pipeline Scheduler, Build System, Docker, and Testing Frameworks
- Technologies: Scio, Scala, Python, Styx, Google Kubernetes Engine, Luigi, Big Query, Google Cloud Storage, & Pytest
- Other Skills Used: RFC Writing & Presenting, Debating Alternate Solution Pros & Cons, Agile Workflow

Developer Consultant | Breastfeeding Resource Center New York, NY (Remote) | July 2023 - August 2023

- Developed and implemented a practice exam platform to support a Lactation Consultant's Certification process.
- Collaborated with non-profit stakeholders to present and obtain sign-off on the proposed project approach, with cost analysis and delivery timelines for multiple solutions, then provided comprehensive documentation to ensure a seamless handoff of the solution.

Clerical Worker | The Department of Social Services (Adult Protective Services) Brooklyn, NY | July 2022 - August 2022

- Systemized 100+ incoming cases and streamlined the distribution of relevant files and data to APS Caseworkers
- Learned and maintained the upkeep of APS filing and database system

SOFTWARE PROJECTS

MSC | [GitHub](#) May 2023 (7 days)

A full-stack social media application providing a platform for sharing and connecting through authentic and inspiring travel stories.

- Served as Product Manager and lead-backend engineer, directed the delegation of project components.
- Planned & implemented the main CRUD routes, controllers, & models for the server, and connected the front-end interface.
- Utilized JavaScript, HTML5, Bulma, GitHub Pages, Figma, Diagrams.net, PostgreSQL, TablePlus, VSCode, Express.js, Node.js

Mind Matters | [GitHub](#) | [Figma Board](#) March 2023 (7 days)

A web application that offers a wide range of guided meditations, exercises, and information tailored based on user input.

- Created main website functionality, was Scrum Master, as well as managed & reviewed all GitHub merge & pull requests
- Designed & implemented the back-end & front-end for home page, as well as the video generation based on user input
- Utilized JavaScript, HTML5, CSS, GitHub Pages, Figma, YouTube Data V3 API

Rise & Climb | [GitHub](#) | [Figma Board](#) February 2023 (7 days)

A two-player game where you compete to collect logs, throw rocks at each other, and escape the cliff!

- Added key game functionality, as well as managed, reviewed, and synchronized all GitHub merge & pull requests
- Created the randomized log & rock generation, falling object and player movement, scoring system, and winning conditions, plus the functionality to display the winner and player animation sequence
- Utilized JavaScript, Kaboom.js Library, HTML5, CSS, GitHub Pages, Figma

EDUCATION

Binghamton University - Computer Engineering Binghamton, NY | Aug 2024 - June 2026

- Coursework completed toward a Bachelor in Computer Engineering
- Relevant/Current Coursework: C/C++, Object Oriented Programming, Digital Logic Design

Software Engineering Fellowship - The Marcy Lab School Brooklyn, NY | Sep 2022 - Sep 2023

- Completed 2,000 hours of coursework in web development, CS fundamentals, and leadership development
- Developed proficiency in HTML/CSS, JavaScript, Python, NodeJS, ReactJS, SQL, and AWS

Craftsmanship Skills Governors Island, NY | 2018 - 2020

- [Computer-Aided Design Certification](#) - National Occupational Competency Testing Institute
- Safe Boating Certification
- Shielded Metal Arc (SMA) Welding, Soldering