

PROGRAMMING SKILLS

- **Languages:** Python, JavaScript, Ruby, SQL, NoSQL, Docker
- **Technologies and Frameworks:** Flask, Nodejs, MySql, Mongodb, Pub-sub (Apache Kafka), GCP, AWS

EXPERIENCE

- **Onlinesales.ai** Pune
SDE 1 - Full time *February 2021 - January 2024*
 - Joined Hyperlocal Team
 - Collaborated on designing and implementation of the inventory and SKU system, expanding its reach from large agencies to individual store owners through a new product launch. Prioritized enhancing SKU management functionalities, enabling broader user access, and enhancing campaign and account management features.
 - Designed and implemented a data pipeline to analyze user wallet balances and proactively identify users at risk of balance depletion or with low balances, resulting in a **57% increase in product retention**.
 - Leveraged CleverTap to automate personalized email notifications to targeted user segments, reducing the number of days a user has zero wallet balance by 50% and fostering user engagement.
 - Developed and implemented a Google Business Messages (GBM)-enabled chatbot for **Xiaomi**, facilitating seamless communication between **700 stores nationwide** and their users. Allowing users to receive and respond to messages, access self-service like view real-time stock availability, pricing, ongoing offers.
 - Resolved critical bug causing financial losses by identifying discrepancies in Google's ad spend reporting, attributable to incorrect assumptions about minimum spend limits. Preventing aggregation errors and saving 5.7 lakh INR in Q1 2023.
 - Responsible for reducing system issue by **31%** through targeted bug fixes and upgrading in critical areas
- **Matrix Direct** Kolkata
InHouse Video Editor - Intern *January 2020 - May 2020*
 - Created an automation tool using Angular and Material Design concepts to generate responsive static websites from a JSON file.
 - Worked on HTTP communications(REST) and AdonisJs at the back-end.

PROJECTS

- **Shawty** — <https://github.com/Araon/shawty>
 - A robust and self-hosted URL shortener powered by **Node.js**, **MySQL**, and **Redis**, boasts lightning-fast link redirection. Offering support for link expiration,
 - Shawty integrates analytics for each short link
- **Hydra** — <https://github.com/Araon/Hydra>
 - High-volume task scheduler in **Python** and **Go** with a Scheduler, Coordinator, and Worker components. communicating via gRPC and HTTP, backed by a **PostgreSQL** database for efficient task management.
 - Highly resilient and efficient worker management to make sure maximum up-time
- **Meido** — <https://github.com/Araon/Meido>
 - Developed a Telegram bot, Meido, enabling users to search and download anime seamlessly to their Telegram account
 - Used Telegram's own data storage to be used as databases and distribute large files.

EDUCATION

- **Hooghly Engineering and Technology College** Kolkata, India
Bachelor's degree in Computer Science and Engineering (B.Tech); CGPA: 8.8/10 *Jul 2017 - Aug 2021*

ACCOMPLISHMENTS

- Completed courses in Satellite Photogrammetry and Machine Learning by IIRS/ISRO(2020 2020)
- Earned certification in C Programming by NPTEL, demonstrating proficiency in a widely used programming language.2019