

Himanshu Shishir Shah

949-358-4751 | himansss@uci.edu | [linkedin.com/in/himanshushah10](https://www.linkedin.com/in/himanshushah10) | himanshu808.github.io | github.com/himanshu808

EXPERIENCE

Viant Technology

Jun 2023 – Present

Full Stack Intern, Platform

Irvine, CA

- Developed a video-to-audio conversion microservice to enhance ad campaign performance using creatives in not only video but also audio ad placements, achieving an estimated **15% lift in revenue**. Used [AWS Lambda](#), [MediaConvert](#), [SNS](#), and [DynamoDB](#).
- Teamed up with another intern to automate the process of adding new third-party user segments using [Angular](#), [Golang](#), [AWS APIGateway](#), and [S3](#), **saving 8+ engineer hours per use**.
- Collaborated with the ML team to improve the performance of existing Python scripts by **30x** on average using [Codon](#), **reducing compute costs** by **15x**.

Visible Alpha

Mar 2022 – Jun 2022

Software Engineer 2, Data feed and APIs

Mumbai, India

- Added [Snowflake](#) as a data delivery channel using [Falcon](#) and [MySQL](#), **increasing revenue** by **45%** and **reducing the customer's Time to Value**.
- Revamped the file dispatcher service to **reduce** the number of **open SSH connections** by **5x**, increasing product scalability.
- Built APIs to reduce the average Tech-Support turnaround time by 80% from 10 to 2 minutes.
- Worked with the Product team to create a daily reporting tool, enhancing the customer experience by monitoring system failures and identifying areas of improvement.

Visible Alpha

Jun 2020 – Feb 2022

Software Engineer 1, Data feed and APIs

Mumbai, India

- Migrated the existing monolithic ETL application to microservices, delivering high-volume, real-time data with low latency to clients, using [Django](#), [MongoDB](#), and [Redis](#), driving **\$2 million in revenue**.
- **Reduced** the ETL app file dispatch **latency** by **~80%** using [RabbitMQ](#) and [Celery](#) for async task execution (**60 to 10 seconds**).
- Added [REST APIs](#) and [AWS S3](#) as data delivery channels to ease data consumption for customers.
- Triaged and resolved production issues, dealing with large-scale software design challenges, and avoiding performance bottlenecks.

SKILLS & INTERESTS

- **Languages & Frameworks:** Python, Golang, C++, HTML, CSS, Django, Falcon, Angular
- **Databases, Caching & Message Queues:** MySQL, MongoDB, Snowflake, Redis, RabbitMQ
- **Testing:** Pytest, Sentry, Postman, SonarQube, Apache JMeter, Cucumber, Unit Testing, Load Testing, TDD, BDD
- **Cloud:** AWS (Lambda, DynamoDB, SNS, S3, EC2, EventBridge, MediaConvert, APIGateway, CloudWatch)
- **DevOps & Misc:** Docker, Jenkins, Git, CI/CD, REST APIs, OOP, Linux, Distributed Systems, Microservices, Back-end
- **Interests:** Badminton, Table Tennis, [Vinyl Record Collecting](#)

EDUCATION

University of California Irvine

Sept 2022 – Dec 2023

Master of Computer Science | Course Assistant for Computer Networks (EECS 148) | GPA 4.0/4.0

Irvine, CA

University of Mumbai

Aug 2016 – Oct 2020

Bachelor of Engineering in Computer Engineering | GPA 8.96/10.0 (3.71/4.0)

Mumbai, India

PROJECTS

Crontab Manager – Python, Angular

Jul 2023 – Present

Creating a UI to manage cronjobs running on [Docker](#) containers with ease. Supports import/export and CRUD operations.

TableGen Formatter – C++, Compilers

Jan 2023 – Jun 2023

Extended Clang-Format to support formatting of TableGen files with several configurable formatting style options.

DNS Client – C++, Computer Networks

Feb 2023 – Mar 2023

Implemented a DNS client service that recursively resolves a domain name. Supports multiple DNS record types (A, NS, etc.).

LEADERSHIP

- [Presented](#) a Quick Technical Talk on “TableGen Formatter” at the [2023 LLVM Developers' Meeting, Santa Clara](#).
- Initiated monthly Brown Bag sessions at Viant to foster knowledge sharing. Conducted the first session on [Schema Migrations](#).