

# Sanketh Chebbi

sanketh.in | sanketh@duck.com | +91 9739885400

## EDUCATION

### PES UNIVERSITY

B.TECH IN MECHANICAL  
ENGINEERING

Dec 2024 | Bangalore, KA

## LINKS

Github:// [sankethchebbi](#)

LinkedIn:// [sankethchebbi](#)

Twitter:// [@sankethchebbi](#)

## COURSEWORK

### UNDERGRADUATE

Aerospace Engineering

Systems Programming

EEG Data Engineering

Design Thinking

RPA with UiPath and

automation anywhere

Artificial Intelligence

(*not just IImS*)

Unix Tools and Scripting

## SKILLS

### PROGRAMMING

listing languages in this section makes less sense than ever — anyone with a few days and the right tools can pick up a new one and ship. but still:

Over 5000 lines:

Python • C++ • Java • Go

SQL • Matlab • JavaScript •  $\LaTeX$

what compounds instead is taste —

knowing which tool fits which problem,

and when to reach past the language for

the system underneath.

### BUSINESS ACUMEN

I read markets the way I read code:

systems of incentives, latency, and

information asymmetry. In a room with

traders, PMs, and engineers, I can

translate between all three: because, to

me, infrastructure decisions are also

capital allocation decisions.

### HIGH AGENCY

I default to building. if something is

broken, slow, or missing, I would rather

ship a working draft in 48 hours than wait

for consensus. **most of my best work**

**started with a problem nobody had asked me to solve.**

## EXECUTIVE SUMMARY

I'm a quantitative developer at **True Beacon** focused on maximizing shareholder value. My main interest lies in data engineering for quant research. I build APIs and DAG-driven pipelines that move market data at scale, and I design the implementation of long-only equity strategies that survive contact with production.

Tags: data-engineering, buy-side-tech, financial-markets, data-driven-strategies.

## EXPERIENCE

### TRUE BEACON | QUANT DEVELOPER & DATA ENGINEER

May 2024 – Present | Bangalore, KA

- Built the entire long-only equities stack from scratch - data pipelines to execution - including quantitative factors pipeline.
- Created a custom OMS/RMS for equities from scratch. Helped execution traders cut time by 60-70 percent while maintaining accuracy.
- other: Mutual Fund Database, ETL for tick-by-tick FnO data, Risk Mgmt.

### ISRO - ISTRAC | SCIENTIST ENGINEERING INTERN

Jan 2024 – May 2024 | Bangalore, KA

- Automated the design of the Back-up structure of a Reflector Parabolic Antenna using Galapagos and Grasshopper, optimizing for efficiency using Genetic Algorithm - less deflection and more stiffness.
- I developed a new truss analysis software in Python, enhancing structural analysis capabilities using numerical methods like SMM - Stiffness Matrix Method. I also conducted exploratory data analysis on departmental and project budgets, providing valuable insights for better resource management

### GROWW | IOS DEVELOPER INTERN + REACT NATIVE

April 2022 – September 2022 | Hybrid + Bangalore, KA

- I worked on the iOS app of Groww using React Native.
- I got to work on problems like **Dynamic Font Scaling in React Native** and migrating our codebase from Redux to Redux Toolkit. Learning about the working of React Native under the hood, State management in React, JS code obfuscation and more. I got to tinker around the space a lot.

## PROJECTS

### RIDGE TERMINAL 2025 | Bengaluru, IN

Built a **Bloomberg-grade data terminal for Indian markets** from the ground up — a unified API and research layer covering equities, derivatives, indices, mutual funds, and alternative data. Security master tracking every NSE-listed contract since 1994, including ISIN & symbol changes, mergers, demergers, and delistings and more.

### ORDERBENCH 2025 | Bengaluru, IN

Built an **interactive benchmarking suite** comparing order book implementations — sorted array, red-black tree, and price-level linked list — across insertion, cancellation, and match latency.

*More at [sanketh.in/work](#).*

## PUBLICATIONS

- [1] R. V, P. Adiga, S. Chebbi, S. P. R.V, and D. Sethuram. Transradial prosthesis-development of a bionic arm using an eeg sensor. In *2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)*, pages 1–7, 2024.