

# Nishit Hingu

✉ nishithingu@gmail.com | 🐙 github.com/NishitHingu | 🔗 linkedin.com/in/nishit-hingu-4b4892194

## Work Experience

### Dolat Capital

Mumbai, India

Software Developer

Dec 2021 - current

- Spearheaded development specializing in Live Data Operations and Management in HFT for markets such as National Stock Exchange, Bombay Stock Exchange.
- Implemented Market Data Adaptors for sensing live market data and transforming it into knowledge depicting the market picture as per user requirement in a scale of nano-seconds.
- Developed a Market Simulation Module to simulate stock exchange behaviour to help traders analyze effectiveness of their market strategies and business logics.
- The Market Raw Data was collected and its storage was managed, encompassing activities such as data processing, correction, and post-processing for conversions. These efforts were undertaken to support application testing in the development of trading algorithms.
- Skills Acquired: C++, C, Linux, Bash, Git, SysAdmin.

### Conbi

Mumbai, India

Software Engineering Intern

April 2021 - July 2021

- Developed essential APIs to enhance the transmission of data from the backend to the frontend.
- Led the design, development and implemented the primary Frontend application, orchestrating seamless data retrieval from the backend API in response to user queries.
- Empowered users to customize and save personalized dashboards using the application's robust features.
- Skills Acquired: React JS, Material UI, Google Cloud, AWS, Git, GitHub.

## Education

### Mumbai University

Mumbai, India

Bachelors in Electronics Engineering

April 2018 - May 2022

Grade: 9.2 / 10

### Maharashtra State board

Mumbai, India

Higer Secondary Certificate in Science

July 2016 - March 2018

Grade: 84.6%

## Projects

### Defender Game

**Stack Used:** Rust, Piston, Rand.

- Engineered a game in Rust inspired by classic defender games, featuring a player-controlled ship, dynamic bullet mechanics, and progressively challenging enemy waves.
- Created a robust scoring module to track player high scores, enhancing user engagement and competition.

### Financial Market Analysis Platform

**Stack Used:** React JS, Material UI, Python, Scikit Learn, PyTorch, Pandas.

- Implemented a machine learning model that utilizes time series analysis and sentiment analysis to predict stock values.
- Built a website aimed at assisting novice investors in their investment journey. The website includes interactive charts displaying predicted stock values and provides essential details pertaining to each specific stock.

## Technical Skills

**Languages** C++, C, JavaScript, Bash, Python, HTML, CSS, SQL, Java, Rust.

**Frameworks** React, Node.js, Material-UI.

**Developer Tools** Git, GitHub, Figma, Google Cloud Platform, Firebase, AWS, VS Code, Netbeans, Eclipse, LaTeX.

## Personal Information

**Languages** English, Hindi, Gujarati, Marathi.

**Interests** Music, Gaming, Cricket, Football, Reading.