# Ayush **Bansal**

FOUNDER, HACKER, MUSICIAN, GEEK

*Wired in* · *Bangalore, Karnataka* · *Kota, Rajasthan*

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*"Explore life as if you were to die tomorrow! Learn as if you were to live forever! Carpe Diem!"*

**Job Application for Real-Time Trading Programmer**

Dear Sir/Ma'am,

## **Ab**out Me

I have been into coding since 2016. When discussing areas in Computer Science, I am great at Systems (Distributed & Embedded), Security, Architecture, and Networks. I spent my early years at Quant Trading Firms and Product Companies, even successfully building a deep-tech infrastructure startup from the ground up. Since my initial days of slogging, I explored every field of Computer Science I could get my hands on, from Theoretical to Systems to AI. One of my hobbies is keeping on top of things in the tech world.

Apart from being a Hardcore Techie, I enjoy engaging in other disciplines to learn as much as possible. And thus, I developed a particular interest in trading during my time at Tower Research Capital. Having worked in diverse environments, I can quickly adapt to any work. Also, my experience makes me great at working as part of a team and my love for teaching in mentoring my peers. My hobbies are reading, music (I can play five musical instruments), painting, cooking, and traveling.

## **Why** Renaissance Technologies?

RenTec works on the cutting edge, has a fast-paced environment, and focusses on creativity. They are one of the oldest trading firms, and even though trades are in huge volumes, they have a lean team working on problems around the board. The systems and algorithms dealing with such diverse securities and trading volumes pose many exciting and challenging issues.

Three essential things that attract me to Algorithmic Trading Firms are

- the people around us,
- the challenging plus fast-paced environment/work with significant visible impact, and
- ofcourse pay.

During my time at Tower Research Capital, the people I worked with were like-minded, making it very comfortable and rewarding. Even the teams we work with are small, unlike Product Companies. It feels like a startup with exciting problems to solve every day. Thus, I want to work here after trying different sectors and companies.

## **Why** Me?

My passion, expertise & experience in low latency systems is a huge plus point. I enjoy working on challenging technical problems even in my free time; my love for technology comes here. And I am a swift learner and adapt to any environment, which gives me a great headstart on any work I take up.

My prior experience at Tower Research Capital, Eightfold.ai, and building my startup has helped me gain great experience working as part of a team, adapting to changing environments, and even leading a team.

At Tower Research Capital, apart from working on the Trading Platform & testing out trading strategies, I maintained their entire Trading & Reconciliation System and even expanded it to enable trading on Taiwan FX & Crypto Markets like FTX and Huobi. My experience here will be very beneficial.

Sincerely,

**Ayush Bansal**