

Company :

Company Name :

Nature Of Business :

Designation :

Tentative Job Location :

APT Portfolio Pvt Ltd

APT Portfolio Pvt Ltd

High Frequency Trading

Core Engineering- Software

A.P.T Portfolio is a high frequency trading firm that specialises in Quantitative Trading & Investment.

- Description :
- Developing low latency C++ software for electronic trading in the most competitive financial markets. Writing efficient code by choosing the best algorithms and data structures, and also developing and leveraging knowledge of x86 processor architecture and FPGA to optimize code for specific execution environments.
  - Co-designing and developing low latency execution algorithms with traders and FPGA developers.
  - Design and development of our in-house machine learning platform, covering all aspects like data validation and integration, feature and model development etc.
  - Scaling and optimizing the platform for faster learning as well as prediction using selected models.
  - Reviewing research papers and experimenting with new features and modeling techniques
  - Implementing application-level network protocols in C++ to connect to new trading venues. Developing a deep understanding of the nuances in each such protocol and optimizing code to gain advantage from these.
  - Investigating latencies and jitter from test and production data and fixing identified issues. Designing experiments to root cause such issues without disrupting production environments.
  - Improving our big data infrastructure which is used for market simulations and post-trade analysis. Enhancing capabilities of our statistical learning and market-simulation logic which models a real market, including all its variances, as accurately as possible.

Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	HSS
BT-BS	No	No	No	No	Yes	Yes	No	No	No	Yes	No	Yes	No	--	--	--
MT	No	No	No	No	No	No	No	No	No	--	--	--	--	--	No	--
DoubleMajor	No	No	No	No	Yes	Yes	No	No	No	Yes	No	Yes	No	--	--	--
dual	No	No	No	No	Yes	Yes	No	No	No	Yes	No	Yes	No	--	--	--
dualB	No	No	No	No	--	--	--	No	No	No	No	No	No	--	No	--
dualC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	--	--	No
Msc	--	--	--	--	--	--	--	--	--	No	No	No	No	--	--	--
MSR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Stipend per month :

Other Facilities Offered :

Bond :

CPI CutOff :

Medical Requirments :

Resume Shortlist :

Resume Shortlist Criteria:

Aptitude Test:

Group Discussion:

Technical Test:

Technical Test Duration:

Technical Interview:

Technical Interview Duration:

INR 1,50,000/-

One week accommodation will be provided.

False

0.0

True

N/A

False

False

True

2.30 mins

True

45 mins

<b>Number of Techincal Interview Rounds:</b>	<b>3</b>
<b>HR Interview:</b>	<b>True</b>
<b>HR Interview Duration:</b>	<b>20 mins</b>
<b>Additional Information:</b>	