

# Software Developer

Dynamic Careers- They are shaped here.

# Who are we?

We, at Dolat, are a bunch of traders, puzzle solvers, and coding aficionados! Always looking to learn more, we take up intricacies of the financial world that others find difficult and solve them. We do everything from trading in volatile market conditions with grace to refining cutting-edge technologies and strategies! You will have a lot to learn about financial data here. Does technology, trading, and critical thinking excite you? Then bravo! Dolat Capital is a perfect fit to trade your skills and hone them to sharper ones!

## Specifications:

Position – Software Developer

Job location – Andheri West, Mumbai.

Experience: 0-2 years.

Qualification: Degree in Engineering or Computer Science program. Dolat encourages Ph.D., bachelor's, and master's students in computer science, electrical engineering, and related fields to apply.

## Skills:

- Expert in C++.
- Exchange Connectivity experience a plus.
- Familiarity with Linux environments; Windows a plus.
- Strong knowledge of scripting languages a plus (especially Python).
- High-level knowledge & competencies in one or more of the following areas: TCP stack optimization, Multi-core 1 machine parallelism, and Low-level performance/cache optimization/ profiling.

## Responsibilities:

- Augmenting, improving, redesigning, and/or re-implementing Dolat's low-latency/high throughput production trading environment, which collects data from and disseminates orders to exchanges around the world.
- Optimizing this platform by using network and systems programming, as well as other advanced techniques.
- Developing systems that provide easy access to historical market data and trading simulations.
- Building risk-management and performance-tracking tools.
- Shaping the future of Dolat through regular interviewing and infrequent campus recruiting trips.
- Implementing domain-optimized data structures.
- Learn and internalize the theories behind the current trading system.
- Participate in the design, architecture, and implementation of automated trading systems.
- Take ownership of the system from design through implementation.
- Strong competencies in sever-side architectures.

## Additional Skills:

- Analytical Mindset.
- Consistently improving skill set and knowledge base.
- Iterative development style.
- Efficient communicator.
- Ability to manage numerous software development priorities with ease.
- Ability to relate/communicate effectively to all levels of associates - management, developers, traders, and operations.
- Heavy attention to detail (fastidious); broad picture view as well.
- Excellent interpersonal skills and desire to work as part of a hands-on, performance-driven team.

## Attributes:

- A strong background in data structures, algorithms, and object-oriented programming, preferably in C++.
- Brilliant problem-solving abilities.
- Extensive experience developing in a Linux environment.
- Experience in distributed and/or highly concurrent systems is a plus.
- Experience in low-latency systems and/or high transaction environments is a plus.
- A passion for new technologies and ideas.
- The ability to manage multiple tasks in a fast-paced environment.
- Strong communication skills.
- Working knowledge of Linux.
- Experience in network topologies and protocols like TCP and UDP.
- Knowledge of Python or Perl and shell scripts (a plus).
- Financial experience is not required.

## What we offer?

Dolat offers an opportunity for excellent career growth, competitive compensation, and great benefits. A lot of learning and exposure to the best practices in the industry.

We think productivity comes better in comfy-casuals, chill work environments, and a limitless supply of coffee, snacks, and food. Our workspaces have every amenity you need and a topping of fun, games, and office parties. We work on the seams of collaboration and integrity.