PINPOINT ASIA
FINANCE & TECHNOLOGY SPECIALIST RECRUITMENT

Suite 406, Tower 2, Lippo Centre, 89 Queensway, Admiralty, Hong Kong / +852-2375-5000 / www.pinpointasia.com

HOW TO WRITE A GOOD TECHNICAL CV

Target your resume to the role in question.

Be as ***specific*** and ***detailed*** as possible. Include ***technical*** and ***financial buzzwords*** that will attract the Hiring Manager's interest ***immediately***.

Describe the projects worked on as well as the ***big picture***.

- How do these projects add value to the organization?
- What do they do?
- How do they work?
- What specific technologies and tools did you use?
- How big was your team?
- What was your role within that team?
- What did you do that makes you stand out?

Try to provide as full and complete a picture.

EXAMPLE 1

Global Investment Bank
Team Lead/Senior Developer, VP
Equities Trading Technology

Equity Execution System Development

Design and lead a team to implement a multi-threaded C++ based front-end for trading Pan-Asia-Pacific HK, Tokyo, Singapore cash and derivative markets over TCP/IP socket. The front-end allows any number of market depth, order book, order entry and trade windows to be displayed. The user can organise them any way they like on the screen. They can also set up filter in most windows to show just what they want to see.

- Develop and support the front to back office trade and booking flow (using Unix shell scripts, Perl scripts and Sybase)
- Responsible for all Asia Pacific connectivity issues, e.g. AMS/3, HKATS, and a vendor system, etc. Manage the contract, deliverables and relationship with the vendor.
- Evaluate and implement vendor systems (GL TRADE, ORC) to market make SGX and HKEx products, including warrants, stock options, etc.
- Evaluate vendor solutions (GL TRADE, HeadStrong) to provide FIX connectivity for our clients.

Straight Through Processing (STP) Development

- Coordinate the implementation of global STP system in HK.
- Develop and support a Microsoft COM-compliant VC++ server component that plugs into the global STP and allows the system to talk to a vendor system (GL TRADE) to trade HK products.

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EXAMPLE 2

Global Investment Bank
Technical Architect

- Was the Technical Architect and Lead Developer in a USD 20M revamp project on an OTC structured product trading platform - supporting complicated financial product structures, and empowering business expansion of larger client base and into multiple geographic areas (cross-border investments).
- Developed a distributed option pricing engine based on Black Scholes formula. With new calculation algorithms and optimization rules, it outperformed an existing version by > 500%, and much more scalable.
- Established a software library for building enterprise financial applications; providing scalability in terms of product coverage, client channels (application, web-based, mobile, etc.) and # of users. It includes product modeling, business workflow modeling, fail-over, auditing, reporting, and interface to feed server, back-office and legacy systems.
- Devised and implemented a modular software framework; providing multi-level distributed processing, highly flexible workflow management, plug-able service handlers, distributed cache, and messaging. Support > 10,000 concurrent users on a Solaris V240 server.
- Both libraries allow for aggressive software reuse, big jump in software quality, and notably less human errors and design mistakes. Resulted in much lower cost of development and maintenance, higher software flexibility, and shorter time-to-market.

Tools used: JGroups, HttpClient, Hibernate, Spring, Struts, EHCache, Quartz, Commons, JUnit, SOAP, Xerces, Xalan, JasperReports, TogetherSoft, Eclipse, J2SE 1.5, WebLogic 9.2, Tomcat 5, Solaris 10, Linux

EXAMPLE 3

Global Bank
Business Analyst

- Gather requirements through meetings and interviews with product managers, business users, developers and other key stakeholders in a structured manner.
- Analyse and document the requirements; verify documentation with the project stakeholders and acquire sign-off for the project to go ahead.
- Research and document the current/future processes, critical success factors, estimates and test cases.
- Regularly review and update project documents with any new, changed or previously unrecognised requirements; new or updated test cases; and revised estimates.
- Conduct business process mapping, including, business and system workflow diagrams (Visio), using Use-Cases (Rational Rose), system architecture diagrams, and mock-ups.