CARL PETER KLAPPER

New York, NY 10032
646-649-5072
cpklapper@abstractdev.com
Abstract Developer
Extensible Development for Dynamic Businesses

EDUCATION:

- Carnegie-Mellon University, Pittsburgh, PA, 1983-1987, MS, Mathematics
- Grinnell College, Grinnell, IA, 1975-1979, BA, Mathematics (minor: Economics)

RECENT PUBLICATIONS:

- C. P. Klapper, The Way Out or How Electronic Revenue Credits Can: End the Debt Crisis, Open Government and Restart the Economy, 2013
- C. P. Klapper, Popular Capitalism, 1986, 2013

RECENT WORK HISTORY:

Royal Coffee New York, South Plainfield, NJ
Senior Software Developer/Systems Architect
1/2015 – 9/2018

- Maintained/enhanced the purchase, inbound, sales, outbound, warehouse, and accounting modules of this green coffee importer, using MS Access/SQL Server/SSRS/C# stack.
- Created a genome structure for types of coffee, a scope structure for coffee bean source, and a scoring structure for coffee cupping.
- Created time series of the coffee commodities contracts futures board, for hedging.
- Abstract developed, in same stack, sales projections, SKU specification, certification-based inventory, and specification/bug fix/distribution system.

Abstract Development, LLC, New Brunswick, NJ
President/Chief Evangelist
8/2004 – Present

- Built the Abstract Development paradigm for dynamic, SOA, workflow-based, turn-key systems.
- Royal Coffee (as client): Designed, developed, and integrated Multiple Purchase Order, Coffee Genome/Location Scope model, and sales forecasting and reporting tool with MS Access front-end workspace database and MS SQL Server/SSRS/C# back end.
- Baldwin and Obenauf: Full-Stack Web Development. Master Pages/wire-frames, C#.Net, AJAX, Web Methods, XML, JSON, Git.
- Mitsui Sumitomo Marine Management: Ported re-insurance module to C#/.Net 4.0/ Role Provider, administrative user controls, master pages. Essential Objects for re-insurance financing documents.
- Offers in the Mail: Email-address filtering and delivery system. MS SQL Server/C#/Windows Services/web Services/md5. Data gathering PHP/JSON.
- L'Oréal: Integrated SAP with L'Oréal's workflow-based Divisional Product Master (DPM). Abstract developed DPM views and pricing component in MS SQL Server/.Net/C#/XML/HTML/CSS. Systems programming in Visual Basic. Remedy/Visual Source Safe/ER Studio/SQL Server Management Studio. SQL/.csv or Cognos reporting. BCP backups.
- Jeffrey Hartman, LLC: Developed web sites with Linux/Apache/MySQL/PHP/HTML/JavaScript/PHP email.
- National Micro Rentals (employer): Installed/maintained rented Windows PCs/displays for customers at trade show booths. Tested/repaired displays upon return. Edited Crystal Reports for corporate.
- Medco Health Solutions: Implemented GUI for Medicare Part D using JavaScript (server and client side), Broadvision, HTML, Java and UNIX C/C++ on Solaris servers. Coordinated with mainframe operators.

- CNA Insurance: Wrote turnkey PERL conversion of (UNIFY) Vision/Accel code to resolve open-cursor problem. Wrote data comparison VBA/PERL/XML program for matching premium records and locate missing records. Developed UNIX shell/PERL password changer.

Financial Times Interactive Data, New York, NY
Lead Software Developer/Methodologist
2/2002 – 8/2004

- Fair Value (mutual fund pricing) methodology and theory
- Managed small programming team.
- Regression and data handling with Sybase SQL, PERL, UNIX/Linux Shell scripts and C/C++.
- Evaluator tool in MS Visual C++. CVS source control.
- Enhanced quantitative/statistical code to provide threshold log change limits for beta and y values.
- Designed automated database table versioning/build system using XML/Sybase SQL.
- Redesigned Fair Value for porting to Java SWT with Eclipse IDE.

Merrill Lynch SPS, New York, NY
Senior Software Developer/Vice President
5/2000 – 1/2002

- Technology liaison Securities Pricing Services business group.
- Enhanced implementation of bond ratings and reporting tools; thousands more asset-backed securities and collateralized mortgage obligations priced.
- Reviewed requirements with risk analyst. Objected to his view that the only risk was prepayment; falling housing prices was a further risk.
- Implemented XML data slice viewer in Java Swing with Aelfred parser.
- Enhanced back-end UNIX Korn shell, UNIX C++, middleware (TIBCO) and Sybase/SQL code used to collect real-time price and client usage information. Analyzed and packaged into flat file (mainframe), HTML and XML.
- Developed UNIX C++ cubic spline interpolation of the yield curve for missing one-year Treasury.
- Created CORBA architecture and developed example ORBs for implementation of modeling tool.