7/2001- 7/2008   Microsoft, Seoul, South Korea

- Title: Principal Consultant, Project Manager, S/W Architect, S/W engineer.
- Responsibility: Business Management, Project Management, Microsoft Technology Consulting. S/W architecture
- Infrastructure deployment consulting: Windows Server, Active Directory, System Management Server, Microsoft Operation Manager Server.
- Application development consulting: SQL Server, BizTalk Server, Exchange Server, SharePoint Portal Server, DCOM, Visual Studio
- Enterprise Application Integration software development for SK CO. web portal system connected with SAP ERP(Enterprise Resource Planning) and SCM(Supply Chain Management) system. - Duration : 13 months
- Samsung Electronics Logistics Automation System project : Application S/W development for Enterprise Application Integration among Samsung Electronics PRM(Partner Relationship Management system), Samsung Logistics and Customs Clearance Automation System.
  - Applications integration S/W module and web portal development between SAMSUNG electronics and overseas partner companies and logistics companies and based on MS Windows server , SQL database and BizTalk Server) –duration 8 months
  - Delivery time reduce, cost saving.
- SAMSUNG Electronics GSBN project(Global Samsung Business Network) : Samsung Electronics worldwide collaborative portal system to predict the optimized demand and supply across the globe, including 24 production subsidiaries, 36 sales subsidiaries, and 20 branch offices to facilitate its global business support, based on MS Enterprise Server such as Windows Server, BizTalk Server, Contents Management Server, SQL Server) as a Project Manager Architect, system development for 3 years
  Business analysis and development for GSBN Project
  - Duration : 06/2003 – 03/2005
  - Job Description : Project Management, Architecture Design and Development of Samsung Global sales portal system. System Development of Interface with SAP ERP and SCM(Supply Chain Management) system. Business Analysis, System Architecture, Web Portal application Development using C# and Java
  - Develop business process integration to enable the Samsung's Partner company to input purchase forecast to make optimized amount of products to delivered to their door, seamlessly integrated with ERP and SCM and PRM(partnership management system).
  - Results :
    - Shared purchase and sell information between Samsung Electronics and it's partner companies are registered and maintained at "one Portal" resulted in the prediction accuracy enhancement for the demand from partner companies.
    - Fast and optimized Business decision through GSBN, which result in cost reduction, business process automation
- SAMSUNG Electronics Demand prediction system (In order to enhance reliability of decision makings, develop highly reliable business management forecast system of BI solution with Data Mining Tool and Dash board , including 'performance and reliability', 'cube write-back' and 'user convenience')

- o Duration : 01/2008 – 07/2008
- o Role : Lead Samsung Electronics Business Intelligence project to enhance Prediction Accuracy for the demands for SCM by more than 20% with Microsoft BI Platform as S/W Architect
- o Facts : Application development with Microsoft SQL BI(Business Intelligence) solution to facilitate action-oriented BI implementation to enable on-demand changes of business management plans and reflect these adjustments on real time basis
- o Systematically integrate competitors' information inside SAMSUNG Electronics SCM to support mass amount of data processing on Samsung Electronics' promoted BI(Business Intelligence) platform, which consists of hundreds of TeraBytes of data from ERP and GSBN(Global Samsung Business Network) systems
- o Develop prediction system for global market movements and worldwide demands for Samsung products using MS SQL Business Intelligence solution
- o Results :
  - Make it possible to search Big Data in real time, which used to be taken 7 seconds in memory UI, and saved a lot of DB tuning efforts
  - Enable time series prediction and multidimensional analysis to search and find meaningful business information through data mining tool
  - Make it possible to simulate experiment before full development, which result in cost saving , risk reduction and find the optimized model efficiently

- LG Active Directory (Infrastructure Development based on Windows Server) project as a Program Manager
- HYUNDAI Motor project as a system design and application architecture consulting ,
- Security consulting for Hyosung Co. Ltd.
- Microsoft Consulting for Infrastructure optimizing as a Consultant and/or Project Manager for Korea enterprise customer (Manufacturing, Services industry)
- Lead Core Infrastructure, Application Infrastructure, Business Process Infrastructure optimizing consulting as a consultant, S/W Architect.

S/W Architect for (ERP/SCM/CRM and Infrastructure optimization project for enterprise company SK CO. Samsung, LG, and Hyundai Motors