

Dr Andreas Dimitriadis

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Nationality: Greek
Date of birth: 16 June 1972
Languages: Fluent Greek, English and basic French

SUMMARY

Dr Andreas Dimitriadis is an influential professional in the field of supply chain planning and optimization. He is the founder, co-owner and technology director of OptimalCore.

His latest assignment was the template solution design of a manufacturing and distribution planning solution across all three divisions of a global technology organization in the Netherlands. Previously, he had a solution architecture role in a large scale supply chain planning initiative for a global mobile phone manufacturer in Sweden. Before that, for three years he was the technical and functional lead respectively in two spare parts planning engagements for a major robotics and a leading power tools manufacturer. Previously, he was responsible for 6.5 years for the design and implementation of an end-to-end supply chain planning solution for a major steel manufacturer in Germany.

In the past, he was with the EMEA consulting organization of i2 Technologies for 3.5 years. He holds a Ph.D. from the Centre for Process Systems Engineering, Imperial College, London.

With more than 15 years experience in consulting and software development, he has a strong understanding of the characteristics of the specific problems that industries face in the Supply Chain Management area and the software tools that are available to help solving these problems. He is also acutely aware of the issues involved in running large scale software implementations and, more generally, IT and process improvement projects.

CAREER TO DATE

Technology Director at *OptimalCore*, Thessaloniki, Greece **Nov 02 – today**

Responsible for the delivery of business optimization services in the area of supply chain management through consulting, support and solution development.

Main Engagements:

- **Philips, Eindhoven, Netherlands (3 months)**
Overall solution architect for the delivery of a templated master planning solution across all three divisions (Healthcare, Consumer Lifestyle and Lighting), using the JDA software suite.
- **Sony Mobile, Lund, Sweden (1 year)**
Functional/Technical lead for the delivery of a master planning solution for the global manufacturing operations of the customer, using JDA SCP technology.
- **Hitachi-Koki, Nieuwegein, Netherlands (1 year)**
Functional lead for the delivery of a spare parts planning solution for the pan-European operations of the customer, using PTC/Servigistics SPM suite. Responsible for requirements gathering, solution architecture, user training, and documentation.
- **ABB Robotics, Vasteras, Sweden (2 years)**
Technical lead in a global spare parts planning initiative involving the implementation of the complete PTC/MCA Solutions suite, including Demand Forecasting, Inventory Optimization and Supply Planning. Responsible for mapping the business requirements into software configurations

and owner of all testing and deployment activities. Also responsible for designing and developing the integration workflow between SAP, Microsoft BizTalk and the MCA suite.

- **ThyssenKruppSteel AG, Duisburg, Germany (6.5 years)**
Long term assignment involving the solution architecture of the customer's master planning process using i2's supply chain planning tools. Responsible for identifying and understanding business requirements and mapping them to software functionalities. Also responsible for designing and fine-tuning the automated solving of the resulting model using i2's linear programming solver (LpOPT). Other tasks included the design and implementation of data interfaces and end-user reporting tools as well as user training and documentation.

Various Roles at i2 Technologies, London, UK Apr 99 – Sep 02

Solution owner, leading the design and guiding the implementation effort of i2's supply chain management products in various customers and industries. Responsible for the business process definition, solution design, software and solver selection, data interface design, technical consulting, user training and documentation. In addition, responsible for continually enhancing i2's software solutions, by providing feedback and managing the relationship with software development. Active participant in strategic opportunity assessment tasks and pre-sales engagements.

Main Engagements:

- **Solution architect, Royal Scandinavia, Denmark (Luxury goods)**
Scope : Demand planning, master planning
- **Solution architect, Ericsson Mobile Phones, Sweden (Telecommunications)**
Scope : Long term capacity planning and materials master planning
- **Senior consultant, BOC Edwards Ltd, England, UK (Industrial products)**
Scope : SOA, demand planning, master planning, factory scheduling and demand fulfillment
- **Consultant, IBM PSG EMEA, Scotland, UK (High tech)**
Scope : Demand planning, master planning and supplier collaboration

Programmer-Analyst at Imperial College, London, UK Jan 96 – Mar 99

Responsible for implementing various decomposition algorithms in the gBSS scheduling and optimization environment. Acquired considerable experience in C++, parallel and distributed programming and interfacing with commercial optimization packages like CPLEX.

Research Trainee at RICOH Ltd, Yokohama, Japan Jul 95 – Sep 95

During his training in Japan, he joined a team of 14 researchers, and worked in the field of color image processing. Responsible for writing code in C and preparing internal reports.

EDUCATION

- Sep 96 – Dec 99 **Ph.D. in Process Systems Engineering**
Title: "Algorithms for the Efficient Planning of Large-Scale Supply Chain Processes"
Centre for Process Systems Engineering, Imperial College, London, UK
During his Ph.D. project, he has acquired a thorough knowledge of mathematical programming and optimization and applied this knowledge in realistic production scheduling case studies together with his industrial sponsors (Unilever Plc).
- Sep 90 – Jun 95 **Diploma in Electrical and Computer Engineering (top 2% of the class)**
Aristotle University of Thessaloniki, Thessaloniki, Greece

COMPUTER SKILLS

JDA Supply Chain Planner, JDA Factory Planner, JDA Order Promiser, JDA Supply Chain Strategist, JDA Transportation Modeler, PTC/MCA Solutions, PTC/Servigistics SPM. UNIX and Windows

OptimalCore

operating systems, C, C++ and Java programming languages, Oracle (PL/SQL), GAMS and CPLEX optimization packages.

REFERENCES

Available on request.