Peter L. Alcivar ─ *Web consultant for The Voyagers Series*

Mr. Alcivar began his career as an engineering technician for Honeywell Information Systems in 1977. During that time, he finished his B.S. in electrical engineering and received a promotion to engineer. After five years at Honeywell, he moved into the telecommunications field, working at Ztel, where he was responsible for the design and development of several key components of their voice/data PBX. In 1986, he went to work at Tau-Tron, a division of General Signal, where he designed a monitoring system for T1/E1 communications circuits.

From Tau-Tron, Mr. Alcivar went to Sanders, A Lockheed company, where he spent almost seven years as a principal electrical engineer, leading a small team of engineers developing an on-board processor for a military surveillance satellite, and later developing a methodology for performing min/max timing analysis to ensure that all circuit paths within the complex architecture would perform properly under the worst-case conditions experienced in the harsh environment of space. During this time, he earned his M.S. in computer science. Moving into the software field, he spent the next three years developing automated test stand software for several cockpit components of the latest generation C-130J military transport.

In 1996, Mr. Alcivar went to work as a senior software engineer with Codem Systems, where he developed software for a cellular phone location system. His contribution was on the system configuration module.

In 1999, he accepted a position at Comverse, Inc., where he integrated a text-to-speech engine with an Internet call waiting system, allowing computer users using dialup to accept incoming calls without losing their Internet connections. Later, he built a web application allowing users to provision their accounts and download the call waiting software to their computers. During this time, he automated the nightly build process and also provided field support to the company's installation at Belgacom, the Belgian national telephone company, spending a total of five weeks in Brussels.

Following the completion of the call waiting project, Mr. Alcivar worked on a new Comverse initiative to build a mobile game platform. He again automated the nightly build process to integrate the traditional Comverse software development environment (C++) with the Java platform, which was the basis for the game platform, and built a system alarm generation and management mechanism. His next contribution was to develop a game lobby servlet and JSP files allowing users to register and configure their account settings.

In 2003, he began a year-long contract at Fidelity Investments. While at Fidelity, he developed several service modules for Fidelity's HR/Payroll web-based application.

In 2005, Mr. Alcivar and his wife, Catherine, established Clobeca Web Design, now Clobeca.com, a web application design and development company. They operate the business jointly ─ she as the web designer and he as the application and database developer. In this capacity, he has developed many web applications in a number of industries, including literacy education, business networking, construction, recycling, retail, nutrition, travel, and music.

Also in 2005, he began a long association as a consultant with Martha Birnbaum Consulting, now Netarose Corporation. Pursuing his lifelong interest in language and education, he is assisting Netarose in the development of a web-based English grammar correction application.

Education
B.S. Electrical Engineering ─ Northeastern University, Boston, MA, 1981.
M.S. Computer Science ─ Boston University, Boston, MA, 1990.

Professional Organizations
Member, IEEE.

Personal

Mr. Alcivar's hobbies include photography, ballroom and Latin dance, Argentine tango, hiking, camping, and cycling. A native of New York City, Mr. Alcivar lived in New Hampshire for thirty years, before relocating to Florida in 2010.