

# MIKE PAOLUCCI

Costa Mesa, California, 92627

## SUMMARY

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Systems Analyst, Software Developer, and Database Developer with experience in all aspects of the SDLC. The systems developed are robust and maintainable: systems written over 6 years ago are still in use today. The development process is efficient: a web-base project tracking application was developed at ½ the projected cost and in ½ of the time.

## INFORMATION TECHNOLOGY SKILLSET

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Languages: Perl, Python, HTML, JavaScript, SQL, C++, C  
Databases: Oracle, MySQL, PostgreSQL, MSSQL  
Platforms: AWS, Linux, Windows, Mac OS  
Tools: UML, Subversion, Git, Jira, Workfront, Microsoft Teams  
LinkedIn profile: <https://www.linkedin.com/in/mike-paolucci-1647aa3>

## EXPERIENCE

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### Vervent

March 2021 – present

Senior IT Developer, remote

Vervent provides loan and lease servicing, call center, and backup services.

#### Achievements:

Automated PDF letter generation, loan deboarding, and repossession processing.

#### Technologies:

Cloud-based servers, Windows, Perl, SQL Server, Oracle, Microsoft Teams, Workfront

### Professional Plastics

March 2020 – September 2020

Web Application Developer, Fullerton, California

The Order Desk (OD) web application is used by sales staff to create quotes, orders, and reports. The OD incorporates product and inventory management, email marketing, and CRM.

#### Achievements:

Enhanced the OD by adding more graphs, scheduling applications, website statistics, and reports.

#### Technologies:

AWS, Linux, Apache, JavaScript, Ajax, Perl, PostgreSQL, Subversion

### Los Angeles County Office of Education

(contract) January 2019 – February 2020

Web Application Developer, Downey, California

Added additional dynamic (Ajax) functionality to the LCAP, MEP, ASM, CSV, and CSP web apps. These create PDF documents for school districts to request funding from government agencies.

#### Achievements:

The added functionality allows users to more quickly and easily move between sections of the documents, reducing the time to create and edit these documents by up to 30%.

#### Technologies:

Linux, Apache, JavaScript, Ajax, Perl, MySQL, Subversion

**Netreo Inc**

March 2014 – September 2018

Software Engineer, Irvine, California

Netreo developed OmniCenter®, an award-winning network management application that provides a unified dashboard-view into virtually all IT components.

**Achievements:**

Increased the functionality of OmniCenter by more than 40% by adding automated data migrations, incident management alarms and alerting, anomaly detection, SNMP, database and datastore (EMC) polling, layer 2 parenting, and Netflow.

**Technologies:**

Linux, Apache, MySQL, MSSQL, Perl, Python, C, C++, Subversion, Jira

**Dispensing Solutions Inc**

May 2010 – February 2014

Systems Analyst / Programmer Analyst, Santa Ana, California

Dispensing Solutions Inc. (DSI) is a repackager of medications for sale through doctors' offices and employer clinics. eDispense is a DSI web application that manages physician dispensings, payor networks, and performs billing services for the administration of benefits related to medication therapy and patient management

**Systems Analyst**

Requirements gathering, analysis and design of enhancements to eDispense 5. Discussions with relevant personnel: developers, Network Administrators, and System Administrators. Generation of Functional Specifications and prototypes, reports for management, data analysis, and data mining.

**Achievements:**

Created a significant increase in customer satisfaction by streamlining the dispensing process, adding quick links to expedite the workflow, redesigned the layout into logical groupings of functionality, and improved response time through increased Ajax calls.

**Programmer Analyst**

Maintained/enhanced the web-based pharmaceutical dispensing application eDispense 4. Designed and developed the Utilities subsystem in eDispense 4. Developed the eDispense 4 to 5 data migration program.

**Achievements:**

The Utilities subsystem reduced Customer Service requests to level 2 support by 90%.

**Technologies:**

Linux, Perl, HTML, JavaScript, MySQL, MSSQL, PostgreSQL, Subversion

**Fulgora Software Ltd**

January 1987 – May 2010

IT Consultant, Calgary, Alberta

Fulgora Software was an IT consulting company. The consulting services focused primarily on systems design and development. Fulgora clients were from a wide range of industries: oil & gas, financial, engineering, textiles, health services, hotel, and pharmaceuticals. President and Consultant. Functions included requirements gathering from managers and users, system analysis and design, programming, documentation, and reporting to senior management.

Fulgora had approximately 20 clients during its operation. The following is a brief synopsis of some of the major clients:

**Westcoast Energy**

- Position: Data Analyst, Database Developer
- **Achievements:** Data mining, data analysis, and data manipulation a web-based natural gas sales application. Created PL/SQL stored procedures and triggers to assist in these tasks.
- Technologies: Oracle, PL/SQL, triggers

Quality Track International Inc.

- Position: Software Developer
- Achievements: Designed and developed the GroupMetrix web-based application for gathering and reporting conference rate data. Designed and developed numerous web-based applications for data entry, system maintenance, and reporting.
- Technologies: Perl, Oracle, PL/SQL, triggers

International Datashare Inc.

- Position: Data Modeler / ETL Developer
- Achievements: Designed and developed ETL software to extract land sale data from a flat file, translate it into an object model (ORM), and upload it into an Oracle database.
- Technologies: Perl, Oracle, PL/SQL, triggers

Goldman Sachs

- Position: Software Developer and Database Analyst
- Achievements: Created scheduled software to upload fixed income, bond, and Libor data, and statistically filter the data.
- Technologies: C, C++, Sybase

Nova

- Position: Software Developer
- Achievements: Developed a compressor station model as part of a pipeline simulation.
- Technologies: C, C++

## EDUCATION

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MSc Applied Mathematics

BSc Mathematics