DANA ALEXANDRESCU

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TECHNICAL SKILLS

Java, Delphi, JavaScript, JQuery, AJAX, Spring Framework, Hibernate, Salesforce, MS Dynamics, Unix/Linux, Windows, Mac, MSSQL, MSAccess, Tomcat, HTML, CSS, Eclipse, NetBeans, (recent course in Node.js, Express, JavaSript)

U.S. SKI & SNOWBOARD, Park City, UT   2002 - Present

The national governing body for Olympic skiing and snowboarding. U.S. Ski & Snowboard's programs support 36,000 members, including 22,000+ athletes, with over 50,000 fans and donors providing ongoing support. The company employs approximately 170 people.

SENIOR SOFTWARE DEVELOPER *(2008 – Present)*
SENIOR PROGRAMMER *(2005-2008)*
PROGRAM ANALYST *(2002 – 2005)*

Accountable for the development, maintenance, and proper function of competition points, rankings, and membership applications for U.S. Ski & Snowboard and its members. Oversee all applications and their functionality supporting the websites and members' databases. Collaborate with the Membership Department and Competition Services to ensure applications are up-to-date with current rules and regulations. Develop custom queries to accurately track and monitor input and formulate reports.

- As part of a team, developed an Online Renewal Registration Program in Java using Spring components. The application supports all 30,000+ members. Solely finished the development of the application once the consultants abandoned the project. Consistently updating it every season with new rules that the sports boards decide on.
- Project lead in the migration of databases from the legacy SQL2000 to SQL2016. Integrated all the current applications with the new database server.
- Developed a new module to provide access to global rescue insurance for our members. Worked with off shore consultants to comply to their new API.
- Part of the team that migrated the Foundation Department data onto Blackbaud, a Salesforce based fundraising system. Presently working on new migration to Salesforce NPSP upgrading the CRM to a more updated and budget friendly system.
- Configured and customized the CRM for staff outside the fundraising department in collaboration with business leaders and consultants (custom forms, views, and reports)
- Improved the competition scoring system from a manual system to an AutoScoring system. Worked with a consultant to design and develop a Java application that checks a mailbox for competition results, validates findings, and stores information in the database.
- Developed a parser in Delphi to upload race results received in XML in accordance with the International Ski Federation standard format.
- Collaborated with Communication, Creative and Athletic departments on specifications to build the fan web site and new web tools for our members using RedDot Content Management System.
- Collaborated closely with Coaches Education department to help configure courses in Moodle LMS.
- Created several web tools to allow members to access their points and rankings using JSP technology.
- Technical support to the Olympic staff in Torino 2006 and Sochi 2014.

ECHOSTAR COMMUNICATION INC., Denver, CO   2001 - 2002

A wholly-owned subsidiary of Hughes, EchoStar is a premier global provider of satellite operations and digital TV solutions for enterprises, governments, small businesses and consumers. EchoStar employs 4,600+ people worldwide.

SYSTEM ENGINEER

Served on a small team of engineers accountable for proactively maintaining and monitoring system issues. Primarily involved with revitalizing and maintaining the database and processes required to run the digital broadcast system. Ensured proper function of the system and developed new functions to better serve clients.

- Member of the team accountable for launching 400 new channels to six (6) million customers.
- Assisted in the creation of a screen pop-up used to notify customers of overdue accounts. The program was successfully tested on 6,000 subscribers.
- Running commands that are uplinked to the satellite into the customers' receivers. These commands update the records into the Smart Card or trigger different processes in the receiver.

PETROLEUM PLACE INC., Denver, CO   2000 - 2001

A leading provider of property acquisition and divestiture services, business operations software and geospatial data solutions for oil and gas industry clients. Petroleum Place has 500+ employees in four U.S. offices, as well as locations in Calgary and Dubai.

SOFTWARE ENGINEER

Designed, developed and maintained code for an online auction. Projects included applets, admin pages and search pages. Assessed existing operations and identified technology improvements that would improve efficiencies and reduce overhead.

- Developed and maintained an online auction site that generated transactions exceeding $40M per month.
- Streamlined processes by creating an application to upload clients in the database directly from a spreadsheet, thus eliminating manual data entry.
- Completed an assignment seven days ahead of schedule and within budget.

Education: **B.S., *Magna Cum Laude,* University of Denver** • Degree in Computer Science, 2000
Cumulative GPA: 3.85 • Achieved *"Dean's List"* every semester
Recipient of the *"Provost Scholarship,"* an Academic, Merit-based Scholarship
"Ottis W. Rechard Award" recipient for Outstanding Achievement in Computer Science
"NCAA Ski Champion," 2000 — University of Denver Ski Team
Recipient of the *"Sophomore Scholar Athlete of the Year Award"*

Internships: Programming Internship — Affinia Inc., Denver, CO; 1999 - 2000
Contributed to the creation of a database of 8,000+ products.
Teacher Assistant — University of Denver, Denver, CO, 1997 - 2000
Assisted students with C++ programs, basic computer operations/applications, and graded math papers.

Civic Affiliations: Volunteer Webmaster/Technical Consultant: Masters Intermountain Ski Racers, 2005- Present
LIV Ambassador: Leader of women group bike rides to help grow communities of female cyclists
Volunteer 2019 FIS World Freeski Freestyle & Snowboard Championships