

**CHRISTIAN P. MURPHY**

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**Summary**

Software engineer with more than ten years of experience. Specializes in web applications. Strengths in application design, J2EE and integration with relational databases. Team player with international experience.

**Skills**

- Java: experience with Swing, EJB, JDBC, Servlets/JSP with the Struts framework, JUnit, Ant
- Other languages: currently developing with:
  - ColdFusion
  - SQL [eight years]
  - Perl [eight years]
  - PL/SQL [five years]
- Environment: deep knowledge of Unix; currently using Linux
- Database: extensive experience with Oracle
- Projects: solidly grounded understanding of how software development teams work; greater understanding of and concern for usability than most developers
- Also familiar with: UML and XML

**Experience****Software Architect**

June 2003 – July 2005

**Center for International Rehabilitation**

Chicago, Illinois

Responsible for organization's public web site. Worked on projects using a mixture of technologies, some with web interfaces and one with a Swing GUI. In one case I used DHTML with JavaScript's XMLHttpRequest object to create a more interactive web interface.

**Software Engineer**

April 1999 - May 2003

**ACS Inc. / Motorola Inc.**

Schaumburg, Illinois

Lead software engineer in a group that created and continued development of Motorola's main internal training administration system, supporting the planning of training for a worldwide population. Four year record of meeting project deadlines.

- Chiefly responsible for developing the employee self-service web interface; system was implemented in four months and is still in use today.
- Took initiative to improve development environment. Introduced first SCCS, then CVS to team as a low-cost, low-overhead versioning system. Introduced JUnit as a unit-testing framework.
- Developed both LDAP and single sign on (SSO) authentication code used across applications. (SSO uses the SiteMinder product.) Thus applications can use enterprise-wide user account policy and management.
- Designed and developed a framework to support multiple-language web deployed with versions in

seven languages, including Chinese and interfaces using Unicode to support international users.

- Team lead experience includes project management.

**Systems Analyst**

1995-1999

**Motorola GmbH**

Munich, Germany

Rolled out reporting solutions and coordinated project work for data warehouse activities in Europe.

- Developed a custom interface to receive forecasts from an external customer.
- Created a web site to support site needs, including a system to book resources for conference rooms.
- Subject matter expert on SEI CMM in an SEI level three organization.

**Consultant**

1993 – 1995

**NTS Ltd.**

Frankfurt and Munich, Germany

- Developed Windows-based inventory system and catalog system for art dealers.
- Ported and deployed CERN web server to Motorola's System V Release 3 Unix.

**UNIX Software Developer**

1992 – 1993

**Manix Systems / DASCOR**

Dublin, Ireland

Designed and developed portable remote backup solution used in large installations.

**Education**

**B.A. Computer Science**

Graduated 1992

**Dublin, Ireland**

University of Dublin