

SHELDON PRYLL

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SKILLS

SQL, Java, JUnit, Android SDK, C#, C++, Visual Basic, HTML, CSS, JavaScript, Team Developer, Artemis 9000

.NET Web Services API, Crystal reports, Eclipse, Oracle, SQL Server, object-oriented design, scheduling, project management

EXPERIENCE

06/2011 to **Software Engineer**

03/2018 **ProfitKey International** Salem, NH

- Conceived and implemented a timely solution for a sales-crippling communication problem within the flagship PK 7 ERP product
- Researched the requisite technology, designed, and developed the company's first Android apps
- Implemented enhancements to the browser-based Rapid Dashboard and Mobile Access products, along with their server-side .NET Web API
- Created and successfully performed to a resource-loaded Microsoft Project schedule with logical dependencies for the Cycle Count Android app. This schedule also identified common components for use in follow-on apps, and referenced the technical specification through a work breakdown structure
- Interpreted Functional Specifications to design enhancements
- Integrated a custom DevExpress reports application with PK 7
- Created and maintained Crystal reports

04/2009 to **Project Manager**

06/2011 **General Dynamics Bath Iron Works** Brunswick, ME

- Developed software specifications and managed software projects for subcontracted Computer Sciences Corporation personnel
- Overcame the fact that the only development tool available was Microsoft Office, and used Visual Basic for Applications to manipulate Oracle tables, thereby effectively creating new, custom ProjectView forms that are still in use
- Reverse-engineered the ProjectView resource aggregation and production day calendar functions and implemented them as macros in Microsoft Excel

03/2008 to **Computer Programmer**

12/2008 **NCO Financial Services** Augusta, ME

- Used Java, Eclipse IDE, CVS and object-oriented design principles to develop Java business classes to process Maine tax revenue information
- Researched, developed and implemented JUnit automated testing

EXPERIENCE

01/1997 to **Senior Engineer**

03/2008 **General Dynamics Electric Boat** Groton, CT & Bath, ME

- Pioneered the modification of Artemis 9000 project management software's scheduling routines, to take into account resource requirements and availabilities as well as logical and time constraints
- Created the company's first computer-generated submarine engineering and design document deliverable schedules
- Contributed as the project planner to the company's winning proposal to the Defense Advanced Research Projects Agency for the production of a prototype electric drive system

EDUCATION

M.S: Computer Science

University of New Haven West Haven, CT

Concentration: Software Design Methodology

GPA: 3.8/4.3

B.S: Ceramic Engineering

Alfred University Alfred, NY

Bachelor's Thesis: Strength and Thermal Shock Resistance of Corning Waste Cordierite