Sven Bert Olsson

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Extensive experience in software design and development, web technologies, project management, customer interaction, telecommunications, and technical documentation.

AREAS OF EXPERTISE

General

- Software Engineering: Architecture and Design, Development, Maintenance, and Support
- Change Tracking, Configuration Management, and Deployment
- Project Management: Planning, Progress Tracking, Release Management, Budgets
- Personnel Management: Hiring, Training, Evaluation, Supervision
- Technical Documentation: Requirements and Designs, User Guides, Reference Manuals
- Telecommunications Technology

Software Engineering and Development

- System Architecture and Detailed Design
- Structured Object-Oriented Programming
- Web Service Design, Development, and Documentation
- Data Consumption, Translation, and Storage (ETL)
- Integration of 3rd party APIs
- Data Modeling and Database Schema Definition
- Maintenance and Debugging
- Performance Analysis and Mitigation

Programming Languages

- C ~ C++
- Java (SE)
- JavaScript
- PHP
- SQL
- UNIX Shell

Web Technologies

- HTML
- CSS
- JSON
- XML
- SOAP
- Apache ~ Tomcat
- Cloud Computing
- Java EE ~ Servlets ~ JSP
- Node.js ~ Express
- jQuery
- Laravel
- Payment Processing
- Smarty ~ Twig
- AWS
- WordPress
- Chatbots ~ DialogFlow
- Salesforce API
- eBay API
- Facebook Apps & API
- Twitter API
- Google Firebase

Databases

- MySQL
- Oracle
- Postgres
- JDBC ~ ODBC
- PL/SQL
- Neo4j
- SQL Server
- Access

Other Capabilities

- Git ~ SVN ~ CVS
- Photoshop
- Jira
- Moodle

- Alexa Skills
- Word
- Excel
- PowerPoint

- Postman ~ SoapUI
- Ant ~ Make ~ Maven
- Confluence
- UNIX Command-line Tools

WORK HISTORY

Olsson.Tech — President (Clinton NJ)   *December 2017 – Present*

Founder of Olsson.Tech, providing custom software engineering services, largely for the **W2O Group**.

Web Site 1:   Architecture and development of **transitionforvalue.org**.
Moodle, PHP, JavaScript, HTML/CSS

Web Site 2:   Development and maintenance of **embracescartherapy.com**.
Laravel, MySQL, Salesforce API

Chatbots: Architecture and development of prototype chatbots for **W2O** and a pharma client.
DialogFlow, Node.js, HTML/CSS, AWS

Alexa Skill: Design and development of an Amazon Alexa Skill to be part of a W2O presentation.
Alexa Skills, Amazon Lambda, Node.js

In addition to these **W2O** projects, acted as customer interface and developer for a major update of the **Millea Bros Auctions** web site (**milleabros.com**). The site is built in *WordPress*, using *Visual Composer*.

Endava — Member of Digital Labs (Mendham NJ)   *November 2015 – November 2017*

After the acquisition of Nickelfish by Endava, became member of the Endava US Digital Labs team.

Artis: Architecture and development of an internal blog and artifact manager for Endava.
Java, JSP, Neo4j Graph DB

VR: Design and development of experimental VR Android application.
Java, Android SDK, Camera APIs

Nickelfish IDM — Director of Engineering (Mendham NJ)   *May 2010 – October 2015*

Principal engineer and developer during the growth of Nickelfish, reporting directly to the officers of the company.

Coldwell Banker: System architect, customer contact, and backend developer as technical lead of a multi-year effort culminating in a major update to **coldwellbanker.com**.
PHP, ETL, Web Services, MySQL, Unix Shell, AEM

Wyndham / RCI: System architect, customer contact, and developer for over half-a-dozen Wyndham / RCI projects covering about 4 years.
PHP, Web Services, Data Feeds, HTML/CSS, JavaScript, Java, MySQL, Oracle

W2O Group: Design and backend development for a number of web-based KPI dashboards in support of W2O work with Honeywell, Bayer, and others.
PHP, JavaScript, ETL for Metric and Social Media data

You Give Goods: System architect, customer contact, and backend developer for **yougivegoods.com**.
PHP, MySQL, Data Feeds, Payment Processing

Prudential: Architecture and customer interaction as technical lead of a Mobile Retirement Calculator.

In addition to the above, served as architect and developer of the server-side software for more than a dozen other Nickelfish projects based on a LAMP stack. The clients included **Benjamin Moore**, **Barker Black**, **Coleman Research**, **Fadó Irish Pubs, Howard Berger**, and **Kitchen Expo**.

Telcom 21 — President (Lebanon NJ)   *July 2006 – April 2010*

President and founder of Telcom 21, providing custom development services for the telecom industry. The primary client was **Custom Toll Free (CTF)**, a provider of toll-free service.

CTF: Architecture, design, development, and customer interaction for a comprehensive toll-free management system, interacting with SMS/800 (the national toll-free number database). *C++, PHP, MySQL, API, HTML/CSS, JavaScript, TCP/IP, ASN.1, Microsoft Access*

Divi: In addition to **CTF** work, partnered with my friend Dave Vioreanu and his company **Divi**. Some of the projects were a flight status display for **AT&T**, as well as web sites for **Pilates on 5th** and **The Connor Group**.

csf Corporation — Director of Toll-Free Systems (Somerset NJ)   *June 1991 – July 2006*

Initially an architect and developer of custom solutions for *csf* clients (predominantly **AT&T**), and eventually moving into various leadership roles.

Managed line of business that provided a means for companies and individuals to obtain quality toll-free numbers. Sole architect and developer of SaaS platform to support this business.

Bell Laboratories — Member of Technical Staff (Murray Hill NJ)   *January 1977 – May 1991*

Joined AT&T Bell Labs as a *Laboratory Assistant* in the summer of '76. Hired as a *Technical Associate* shortly thereafter. Promoted to *Senior TA*, and, ultimately, to *Member of Technical Staff*.