

A Computer Systems Engineer specialized in software architecture and development. Proven track record in all phases of the software development life cycle, emphasizing effective design practices to yield high quality products. A dynamic leader with a focus on server-side and mobile platforms using agile methodologies, complemented by exceptional interpersonal skills.

Bachelor of Computer Systems Engineering - Carleton University, Ottawa, Ontario 1993 - 1997

Senior Software Engineer 2020 - Present

Self-employed, Burlington, Ontario

Builds custom mobile applications for Android and iOS, overseeing the entire process, from concept definition to product deployment into the App and Play Stores. Portfolio available at <https://apps.sandino.ca>

Software Consultant 2009 - 2020

Self-employed, Burlington, Ontario

Assists organizations achieve their objectives by contributing in a variety of software-related activities. Sets up all required development infrastructure to start up new software projects. Provides services spanning all facets of the software development life cycle: requirements analysis, project planning and estimating, architectural designs, coding, automated testing, documentation and maintenance. Offers recommendations and suggests strategies to solve specific business needs. Leads and mentors other developers in the team.

Senior Developer 2007 - 2009

The Feedroom, Toronto, Ontario

Shared the collective ownership of new software components comprising the core platform of a Digital Asset Management System (DAMS). Participates in architectural model definitions, system design, unit test coding and development of new software applications following agile (XP/SCRUM) methodologies.

Senior Software Developer 2006 - 2007

Unikoan Inc., Toronto, Ontario

Prime developer of server-side modules: responsible for requirement analysis, high-level design, documentation, architecture definition, prototyping, implementation and testing of new middle-tier Java components for a pediatrics electronic web chart system.

Software Developer 2005 - 2006

NewStep Networks, Toronto, Ontario

As the component owner of a management web-based application, designed, implemented and maintained all the different application layers, based on the Model-View-Controller (MVC) design pattern. Worked closely with DBA defining and maintaining database schemata to be used by Java applications.

Java Developer 2004 - 2005

Onlinetel Corporation, Toronto, Ontario

As the prime Java Developer, designed and implemented e-commerce applications to handle customer account activities, invoicing and billing. Developed and maintained stand-alone Java programs for generation of reports, automated email notification and database reconciliation.

Software Engineer & Team Leader 1998 - 2003

Syndesis Limited, Richmond Hill, Ontario

Actively participated in the construction of a Configuration Management Subsystem for a client-server provisioning application: performed extensive design and development of software components comprising the interface for communication with various types of telecommunication equipment.

Software Design Engineer 1997 - 1998

Nortel Networks, Ottawa, Ontario

As a member of one of the development teams of the Public Switched Telephone Network division, developed and tested trunking protocol software for DMS telephone switches on SS7 networks.