

Rastin Mehr's Curriculum Vitae

Contact Information

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Business & Non-Profit Activities

1. *Web Application Architect, and Principal at **rmd Studio Inc.** (www.rmdStudio.com)* an Internet technology solutions company specialized in developing Open Source Content Management Systems, Intranet, Social Networking Platforms, and online Learning applications.
2. *Director of Technology and Co-Founder of **Tazzu™ Networking Ltd.** (www.Tazzu.com)* a Business, Technology, and Knowledge Networking community.
3. *Development Work Group Member and Summer of Code Mentor at **Joomla! CMS project**,* a cutting edge Open Source content management system known worldwide.
4. Two times selected as a Joomla!/Google Summer of Code Mentor.

Education

B.Sc. Computer Science - University of Northern BC (www.unbc.ca)

Associate Degree General Studies - Capilano College North Vancouver (www.CapCollege.bc.ca)

Computer Science Studies Focus

- Operating Systems
- User Interface Design
- Database Design
- System Analysis
- Software Architecture Design Patterns
- Parallel Computing

Elective Studies in Commerce

- Introduction to Marketing
- Marketing Strategy
- Management Information Systems
- Organizational Behaviour
- Consumer Behaviour
- Advertising & Promotion

Elective Studies in Design and Visual Arts

- Art History
- Visual Culture Studies
- Intermediate & Advanced Studio Photography
- Architecture & Interior Design Photography
- Glamour & Fashion Photography
- Fashion Illustration Concept to Creation

Summary of Projects

Anahita Joomla Community Builder project

Concept: Social Networking Software
Contribution: Web Application Architecture, Business System Analysis, Project Management
Date: Ongoing Project

A set of Joomla! CMS extensions used for developing online communities and social networking websites. These extensions are to be released under the GPL (www.gnu.org) license, so developers around the world could build and grow custom social networking websites for business or non-profit purpose.

Faronics Corporate CMS Project Proposal

Concept: Content Management, e-commerce, e-catalog, Client Relation Management
Contribution: Business System Analysis
Date: October 2007
Client/Employer: Faronics Corporation (www.faronics.com)

Developed a Project Roadmap including time and cost estimates to help Faronics migrate their existing .NET corporate CRM to an Open Source framework, and further expand their online sales and marketing tools such as: e-Commerce, e-Catalog, Events Management, Banner Ad management, Partners' Network Management and so on ...

RokClub Content and Member Subscription Solution

Concept: Online Community, Content Management, e-commerce
Contribution: Business System Analysis, Web Application Architecture
Date: September 2007
Client/Employer: Rocket Theme LLC. (www.RocketTheme.com)

Developed a dynamic content club management system suitable for setting up subscription based online communities. This solution is also equipped with a payment system so subscribers can make payments using credit cards or paypal.

Joomla!/Google Summer of Code Mentorship

Concept: User Interface Design, Software Architecture
Contribution: System Analysis, Mentorship, Training
Date: September 2007
Client/Employer: Joomla!™ (www.joomla.org) - Open Source Matters Inc., Google

Participated as a mentor in Joomla!/Google summer of code program. Project focus was to further incorporate the Mootools Javascript framework (www.Mootools.net) into the Joomla! CMS framework.

Tazzu Networking Community Version 1.5

Concept: Social Networking, Content Management
Contribution: Business System Analysis, Web Application Architecture, Project Management
Date: August 2007

Developed the technology infrastructure for Tazzu™ version 1.5 online community. Tazzu™ is an online business, technology, and knowledge networking community where researchers, consultants, and professionals can collaborate, learn and promote services by sharing their expertise.

QuickForm Joomla Extensions

Concept: Content Management
Contribution: Web Application Architecture
Date: June 2007

Developed the Joomla! QuickForm set of extensions. QuickForm enables web site administrators to quickly create custom contact forms and insert them within any article on a Joomla! CMS powered web site. There is no limit on how many forms can be created or how many times they can be used within a web site. These contact forms are equipped with Javascript field verification and use AJAX technologies to submit data.

North49 Corporate CMS & Intranet

Concept: Content Management, Intranet
Contribution: Business System Analysis, Project Management, Web Application Architecture, Training
Date: June 2007
Client/Employer: North49 Business Solutions Ltd. (www.North49.com)

Conducted requirement analysis sessions with North49 and developed the North49 Corporate website in collaboration with **JenTekk Web Solutions** (www.jentekk.ca). Training was provided to the North49 staff subsequently. North49 has been an authorized **Sage Accpac ERP solution provider since 1989**.

PremierGo™ 2.0 Online Learning

Concept: e-learning, Content Management
Contribution: Business System Analysis, Web Application Architecture, Training
Date: September 2006
Client/Employer: Premier Agendas Ltd. (www.Premier.us)

Developed the technology infrastructure, provided administration training, supervised content entry and population, and successfully launched the PremierGo™ online learning program website for Premier Agendas Ltd.

PremierGo™ is a character development program suitable for early-teen k12 students. PremierGo™ lessons contain online quizzes, surveys, and videos for students who participate in this program. PremierGo™ was delivered to thousands of students throughout USA and Canada.

PremierGetset™ 1.0 Online Learning

Concept: e-learning, Content Management
Contribution: Business System Analysis, Web Application Architecture, Training
Date: September 2006
Client/Employer: Premier Agendas Ltd. (www.Premier.us)

Developed the technology infrastructure, provided administration training, supervised content entry and population, and successfully launched the PremierGetSet™ online learning program website for Premier Agendas Ltd.

PremierGetSet™ is an online learning course suitable for early-teen k12 students. These lessons contain online quizzes, surveys, and videos for students who participate in this program. PremierGetSet™ was delivered to hundreds of students throughout USA and Canada.

Premier Learning Unit 2.0

Concept: e-learning, Content Management
Contribution: Business System Analysis, Web Application Architecture, Training
Date: November 2006
Client/Employer: Premier Agendas Ltd. (www.Premier.us)

Developed the Premier Learning Unit 2.0 web application for Premier Agendas Ltd. according to the IMS standars (www.imslobal.org).

PLU2.0 is an enterprise level **Learning Management System (LMS)** which is used for delivering online courses to thousands of schools in North America. PLU2.0 can also be used for conducting online training sessions for Premier employees who reside in different geographical locations.

Joomla!/Google Summer of Code Mentorship

Concept: User Interface Design, Software Architecture
Contribution: System Analysis, Mentorship, Training
Date: September 2006
Client/Employer: Joomla!™ - Open Source Matters Inc., Google

Participated as a mentor in the Joomla!/Google Summer of code program. Project focus was to introduce AJAX technologies to the Joomla! CMS framework.

Premier Corporate Intranet

Concept: Intranet
Contribution: Business System Analysis, Web Application Architecture, Training
Date: June 2006
Client/Employer: Premier Agendas Ltd. (www.Premier.us)

Developed the technology infrastructure for Premier's Corporate Intranet, helped over 500 employees to register with the system, and trained the Premier's Marketing team so they could use the Intranet as a grapevine to distribute company's news to the employees.

Online Loan Processing Terminal & Intranet

Concept: Financial Information Management, Intranet
Contribution: Business System Analysis, Web Application Architecture
Date: January 2006

This was a 6 month research and development project inspired by an rmd Studio client, during which a complete web-based loan processing terminal was developed with the ability to host many office branches, and secure access to imaginary client financial records.

Premier Corporate Website & e-Catalog

Concept: Content Management, e-Catalog
Contribution: Business System Analysis, Web Application Architecture, Training
Date: January 2006
Client/Employer: Premier Agendas Ltd. (www.Premier.us)

Developed a fully dynamic online e-Catalog for Premier Agendas Ltd. which is used in 3 of Premier's websites and used by their clients and sales consultants. This e-Catalog closely resembles Premier's unique business model in they way different modular school agendas are grouped and marketed.

Premier Learning Unit 1.0

Concept: e-learning, Content Management
Contribution: Business System Analysis, Web Application Architecture, Training
Date: October 2005
Client/Employer: Premier Agendas Ltd. (www.Premier.us)

Developed the Premier Learning Unit 1.0 web application for Premier Agendas Ltd. according to the IMS standars (www.imsglobal.org).

PLU1.0 is an enterprise level Learning Management System (LMS) which is used for delivering online courses to thousands of schools in North America. PLU1.0 can also be used for conducting online training sessions for Premier employees who reside in different geographical locations.

MyPremier Product Configuration System

Concept: Online Product Configuration
Contribution: User Interface Design
Date: December 2004
Client/Employer: Premier Agendas Ltd. (www.Premier.us)

Collaborated with the Premier's Technology Solutions team and designed dynamic user interfaces for their web-based product configuration system. Premier is using this application to sell modular and customized school agendas to thousands of schools in North America.

Herzog Crystal Wedding Registry System

Concept: Gift Registry Management System
Contribution: Business System Analysis, Web Application Architecture, Project Management, Training
Date: May 2004
Client/Employer: Herzog Crystal Ltd. (www.herzogcrystal.com)

Developed the technology infrastructure for a simple web-based gift-registry system and trained the Herzog Crystal staff on administrating customer wish-lists from different store locations in a collaborative manner.

Advanced User Interface Design Course

Concept: Software Architecture
Contribution: System Analysis, Web Application Architecture
Date: September 2004

Created the course content for a senior level computer science course (CPSC499) at UNBC (www.UNBC.ca) under supervision of **Dr. Saif Al Zahir** and prepared assignments for 2 students who enrolled in the course. Focus of this course were the applications of Model View Controller (MVC) design patterns in developing web application user interfaces.

Northern Medical Program Prototypical Week Website

Concept: Web Design & Development
Contribution: Information Architecture, Content Development, Photography, Web Design & Development
Date: January 2004
Client/Employer: University of Northern BC. Northern Medical Program (www.unbc.ca)

Design and development of UNBC Northern Medical Program prototypical week website. The requirement of this project was to design a simplified version of UNBC website so it could be used by the guest medical students coming from UBC to visit the UNBC campus during the NMP Prototypical week.

VPAC - Telelearning Project

Concept: Learning Management System
Contribution: System Analysis, Web Application Architecture
Date: September 2003
Client/Employer: The BC Universities Vice-Presidents' Advisory Council (VPAC)

Developed a prototype Learning Management System (LMS) for the medical students who attend any of the BC's 5 major universities. This was a collaborative project directed by Dr. Patrick Mann from University of Northern BC (UNBC), Dr. Francis Lau from University of Victoria (UVIC), and Miss Kathleen Sun who was the Project Manager.

UNBC Computer Science Dept. Website

Concept: Web Design & Development
Contribution: Information Architecture, Content Development, Photography, Web Design & Development
Date: March 2002
Client/Employer: University of Northern BC (www.unbc.ca)

Designed and developed the UNBC Computer Science department website in collaboration with the department's team of professors and UNBC's Communication office.

IDEAWorks 2001 Technology Show Award

Concept: Software Engineering
Date: Fall 2001
Host: Innovation Resource Center (www.innocate.bc.ca)

Received the first award in the undergraduate category for proposing Object Oriented design methods used for Agile Web Development (AWD) and showcased working examples to a group of 5 judges.

Hywema/Eurocana Online Catalogue

Concept: Web Design & Development
Date: Summer 2000
Client/Employer: Eurocana Ltd. (www.Eurocana.com)

Design and development of Eurocana's online catalogue and custom contact forms. Eurocana is the authorized distributor for Hywema above ground and mobile lifting systems as well as related accessories in USA and Canada.

Baycan Ltd. Online Catalogue

Concept: Web Design & Development
Date: Summer 2000
Client/Employer: Baycan Ltd

Design and development of Baycan's online catalogue and custom contact forms. Baycan Ltd. was an importer and distributor of high quality European crystal gift items and desktop accessories in Canada.