

Kiranjit S. Sidhu

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TARGET JOB

Desired Job Type: Employee/Temporary/Contract/Project

Site Location: No Preference

Description of my perfect job:

My ideal job would allow me to develop software as part of a team or individually. I would be extremely interested in web technologies, database development, network security and programming (sockets). I would prefer to develop using languages like Java and C++ on Linux/Unix platform.

Career Level: Entry Level/Intermediate

Date of Availability: April 2004

TARGET COMPANY

Company Size: No Preference

Category: Computers, Software

Description of my ideal company:

The ideal company I would like to work in is one that thrives on pushing its employees to produce applications at the cutting edge of technology. A company that takes a lot of pride in the services it provides and is the leader of their field in the industry.

EDUCATION

University of Northern British Columbia, Prince George, BC
Bachelor of Science, Computer Science, April 2004
Minor in Mathematics and Physics, Co-operative Education
Graduating at the top of the class
G.P.A 4.22/4.33

EXPERIENCE

Research Assistant UNBC Sep 03 - Present
Mobile Computing Prince George, BC

- ★ Working on a hand-over protocol for Light Weight Access Point Protocol (LWAPP).
- ★ Studied currently available specifications for LWAPP, IAPP (Inter-Access Point Protocol), and Mobile IP and created a hand-over protocol (Details in attached portfolio).
- ★ Currently being submitted for publication to IETF.

Junior Programmer Analyst Suncor Energy Co. Sept 02 - Aug 03
Safety Applications Fort McMurray, Alberta

- ★ Involved in conversion of an MTS application to COM+ based application. Required communicating with Microsoft Support to resolve product specific issues.
- ★ Provide technical and analytical support to HR and Loss Prevention Management business units within the company.
- ★ Provide support to application (AIRTAS Safety application) users (2100+).
- ★ Provide 24/7 on call support.
- ★ Perform weekly maintenance (database maintenance, programming changes and data cleanup).
- ★ Participate in major project work as required (examples Admin Tool for AIRTAS administrative users, details in portfolio provided)
- ★ Perform requirement analysis on requests by business units. Include change impacts, time and cost estimates (where required). Implement changes upon approval.
- ★ Mentored co-op students and contractors working on the health and safety applications. Discussed coding best practices with them, monitored their work cleaned up things where necessary.

- Quality Assurance Engineer** Syncrude Canada Ltd. Summer 02
Fort McMurray, Alberta
- ★ Maintain and customize accreditation system for QA purposes running on Windows 2000 Server platform with an Oracle 8i back-end and Java GUI.
 - ★ Build new external applications around the system primarily using Visual Basic 6.0 and ASP. Support and maintain existing external applications.
 - ★ Documented external applications in terms of usage as well as technical specifications. Additionally drew up Disaster Recovery plans for each external application.
 - ★ Setup and administer version control system (CVS).
 - ★ Attend weekly round-table meetings to discuss any issues and express opinions and solutions.
 - ★ Involved in switching of Open VMS to Windows 2000 based Servers for Chromatography software being used in the lab.
- Research Assistant** UNBC Dec 01 - Present
Prince George, BC
- ★ Working on a parameter driven discrete event simulator for real-time transaction processing system (RTTPS)
 - ★ Built a front-end based on advanced features of the Java foundation classes, and in particular the swing library (Details in attached portfolio).

COMPUTER SKILLS

Skills	Skill Name	Skill Level	Last Used	Experience
Programming	C++	Advanced	Currently Used	4 years
	C	Advanced	Currently Used	2 years
	Visual Basic 6.0	Intermediate	Summer 2003	1 year
	Java	Intermediate	2002	2 years
	JSP	Intermediate	Currently Used	1 year
	SQL	Intermediate	Currently Used	2 years
	LaTeX	Advanced	Currently Used	4 years
	ASP	Intermediate	Summer 2003	2 years
	Visual C++ & MFC	Intermediate	Summer 2003	1 year
	Prolog	Intermediate	Currently Used	1 year
	C#	Beginner	2003	< 1 year
	VB .NET	Beginner	2003	< 1 year
	ASP .NET	Beginner	2003	< 1 year
	.NET Architecture	Beginner	2003	< 1 year
Database Systems	Oracle 8i/9i	Intermediate	Currently Used	2 year
	MySQL	Intermediate	Currently Used	2 year
Operating Systems	UNIX/LINUX	Advanced	Currently Used	4 years
	WINDOWS	Intermediate	Currently Used	4 years
	SOLARIS/IRIX	Intermediate	Currently Used	3 years
Misc. Applications	AIRTAS	Advanced	2003	2 years
	REMEDY	Intermediate	2003	2 years
	ATLAS	Intermediate	2002	< 1 year
	MTS/COM+	Intermediate	2003	1 year
	Concurrent Versions System	Intermediate	Currently used	2 years
	Crystal Reports	Intermediate	2003	1 years

LEADERSHIP ABILITIES

- ★**Student Ambassador** Jul 00
Represented UNBC at Syncrude Canada Ltd. as a member of the Student Focus Group
- ★**Event Organizer** Aug 99 - Sep 00
Organized Annual Sports Meet for GZS College of Engg. & Tech. Bathinda, India
- ★**Student Representative** Aug 99 - Sep 00
Student representative for first year on the sports committee of the college (GZSCET).
- ★**Captained** Aug 99 - Sep 00
1st year team in inter-college basketball tournament, GZSCET, Bathinda, India

COMMUNICATION

- ★ **Covery Course** 16 May 2003
Completed The 7 Habits of Highly Effective People Course
- ★ **Event Organizer** Aug 99 - Sep 00
Organize events for Electricom (Comp. & Elec. Engg. Society) as part of executive committee.
- ★ **Secretary of International Student Club** Sep 00 - Aug 01
Help settle new international students
- ★ Proficient in Speaking, Writing and Reading three languages English, Punjabi and Hindi.

HONORS AND AWARDS

- ★ In-Course Student Award 2003/04
- ★ UNBC Co-op Work Term Report Award 2003/04
- ★ Ranked 26th in Singles and 42nd in Doubles in Tennis in Alberta 2002
- ★ Louis & Irene Monasch and Family Bursary 2002/03
- ★ Birks Family Foundation Scholarship 2001/02
- ★ Golden Key National Honor Society Member: (Inducted) Oct 01
- ★ Member of College Basketball Team Jan 00
Secured 2nd position in inter-university competition
- ★ S.A.T.: (Scholastic Aptitude Test) Jun 99
Scored 760 out of possible 800 (99th percentile)
- ★ T.O.E.F.L.: (Test of English as a Foreign Language) Apr 99
Scored 623 out of possible 670 (93rd Percentile).

EXTRACURRICULAR ACTIVITIES

- ★ Avid reader
- ★ Golf, Squash, Tennis and Cricket