

# Chandra K. Rai

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<http://chandraraai.azurewebsites.net>

## PROFILE

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Innovative software developer and educator with passion for positive result

## HIGHLIGHTS OF QUALIFICATIONS

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- Experienced as systems analyst who gather the correct business users' requirements
- Strong communicator with excellent written and verbal skills in English, Nepali, Hindi and Urdu languages
- Familiar with OOAD paradigm – Agile Unified Modeling (AUP) and SCRUM approaches to software development
- Expert in systems analysis and design documentation for different phases of the project including workflows, use cases, class diagrams and database schema
- Able to demonstrate and document human interaction and user-centered interface design
- Good time management skills developed through work as well as school and work effectively as a team

## TECHNICAL SKILLS

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### Programming Languages

C/ C++, Java, C#

### Scripting Languages

PHP, jQuery, JavaScript, Shell scripts

### Databases

MS ACCESS, MySQL, PL/ SQL, SQL Server (Implementation and Design)

### Web Development

ASP.NET, CSS, HTML 5, WordPress

### Project Management Tools

MS Visio, Visual Paradigm, MS Project

### Operating System

UNIX/ Linux, Windows

### Version Control

Git

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## WORK EXPERIENCES

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**System Analyst** at DRIMS Application for Guyana Technical Institutes, Canada 2017 – Present

- Define application problem by conferring with clients
- Evaluate procedures and processes
- Utilize current technology with a responsive design framework for access via any Desktop, laptop and important mobile devices and deliver a robust and effective solution that is both easily maintainable and scale-able

**Teaching Assistant** at Mahendra Multiple College, Nepal 2006 – 2012

- Taught students Critical theory and Creative Writing
- Conducted seminars, tutored students and evaluated students' progress and achievement

**Computer Instructor** at Pascal Computer Institute, Nepal 2000 – 2002

- Developed and delivered application handouts for MS Office Application and Design Course
- Guided students with innovative instructions creating a comfortable and positive learning environment

## EDUCATION/ TRAININGS

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**Advance Diploma in Software Engineering Technology** 2016 – present  
Centennial College, Toronto, Canada  
GPA: 4.39

**Master's Degree in English** 2002 – 2004  
Tribhuvan University, Kathmandu, Nepal

**Diploma in Computer Application and Hardware,** 2000 – 2001  
Pascal Computer Institute, Dharan, Nepal

**Certificate in Computer Application** 1996 – 1997  
New Abacus Computer Training Institute, Dharan, Nepal