

**CAREER OBJECTIVE:** To attain a meaningful and challenging position where my proven qualities of fast learner, hard working, and determinate habits can be used for professional and organizational growth

## EDUCATION

**Masters of Science in Electrical Engineering with major in Wireless Systems and Embedded Technology**, from University of North Carolina at Charlotte, 3.33 GPA, Anticipated – December 2008

Courses: Embedded Systems, Random Signals and Optimum filters, and Fundamentals of Wireless systems, Wireless Communications & Networking, Advanced Embedded systems, Wireless Sensor Networks, and Digital Signal Processing.

**Bachelors of Engineering in Electronics & Communications Engineering** from Rajiv Gandhi Proudhogiki Vishwavidyalaya (RGPV) University, Bhopal, India, 2003 – 2007, 3.27 GPA equivalent.

Courses: Electronics (Basic & Advanced), Data Communications, Analog & Digital Communications, Digital Circuits & Systems (Basic & Advanced), Mobile Communications, Satellite Communications.

## PROFESSIONAL EXPERIENCE

- 15 days training on *Police Radio and Communications* from Police Radio Training School (P.R.T.S.), Indore, India.
- Worked as a 'Teaching Assistant' in *The Globalizers*.
- Currently working as a cashier with Chartwells, inc at on-campus food court.

## SCHOLARSHIPS

Employer's scholarship from *State Bank of India*, a leading financial organization in India, receiving from 3<sup>rd</sup> standard to Present.

## RESEARCH EXPERIENCE

### Academic Projects:

- Developing a Restaurant Pager device with a LCD development kit which displays advertisements (Funded).
- Developed a *Microcontroller Based Fire Detection and Warning System*.
- Developed a *Micro Controller Based Propeller Clock*.
- Developed a *Hotel Management System* using C.
- Developed a loan calculator, a stopwatch, and a calculator using Visual Basic, as a learning exercise in Visual Basic.

### Academic Paper Presentation:

- Working on Survey of GPS technology's current status and related issues to attain an accuracy of 0.1 meters.
- Wrote a literature survey paper on *Wireless Sensor Networks for Health Care*.
- Presented a survey paper on *Wi-Fi (Wireless Fidelity)*.
- Presented a survey paper on *Robotics*.

## COMPUTER SKILLS

Microcontrollers: Renesas QSK62P, TI MSP430, PIC16F84, Active Matrix LCD (PICASO processor), AVR Butterfly EDK (Atmega169)

Platforms: Windows 9X, ME, XP, VISTA, UNIX..

Languages: C, C++, MATLAB, MathCAD, Visual Basic.

Web Designing: HTML/DHTML, CSS,

Software Packages: Microsoft Word, Excel, Powerpoint

## CERTIFICATION

- Diploma in Basic Computing, Step Academy, Indore
- Programming with C++ from karROX Technologies Ltd, Indore

## CO-CURRICULAR ACTIVITIES

- Won the Bournvita quiz contest during school and participated in various quizzes at school and college level.
- Volunteered for SPIC MACAY, a society for the promotion of Indian Classical Music and Culture among Youth.
- Active Participant in multiple team and individual sports such as Cricket, Chess, Carom, among others.

**REFERENCE:** Available upon request.