



## KAPILA GUNAWARDENA

*“Knew nothing at birth, but learning everything till death”*

### WHO AM I ?

High-energy, confident professional with an infectious enthusiasm for science and technology, and a passion of gaining knowledge day by day from each activity involved, and the latest technologies like internet and social media.

Reliable hard worker with practical hands-on approach, and proven ability to ‘think outside the box’ in identifying various problems and implementing innovative solutions to always perseveres to achieve the best results.

### FIND ME ON !

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Kapilasri

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## EMPLOYMENT HISTORY

- Chief Engineer / 2017 - 2018**  
 Tele Sarasaviya Academy (Pvt) Ltd., Gampaha, Sri Lanka. / [www.telesarasaviya.com](http://www.telesarasaviya.com)  
 Designed the Studio, Control Room setup and assembled high end computers for Vision mixing, Video editing, Video streaming and Social media integration. Implemented a full manageable computer network and CCTV system. Designed the website and created social media accounts. Repaired all the media related and office equipment.
- Assistant Engineer - Maintenance / 2014 - 2016**  
 L' Arabia Hotel Apartments, Mussafah, Abu Dhabi, UAE. / [www.larabiahotelapt.com](http://www.larabiahotelapt.com)  
 Handled overall maintenance work in the Hotel with 100 apartments. Repaired Household, Office, Kitchen, Cool room, Cafe, CCTV, Satellite TV, Server, Multimedia, and Pool equipment. Attended to problems in AC's, Panel boards and Electrical control systems etc. Designed a new centralized system to monitor temperature of Freezers and Refrigerators in the kitchen.
- Technical Manager & Non-Linear Video Editor / 2012 - 2013**  
 Worldview International Foundation, Sri Lanka & Myanmar. / [www.wif.foundation](http://www.wif.foundation)  
 Attended to all Pre & Post production work including Camera work, Video editing Website designing, Artwork designing. Repaired many industrial and professional media equipment.
- Technical Manager & Accountant / 2010 - 2011**  
 Paradise Eco Garden, Kithulgala, Sri Lanka. / [www.paradisesrilanka.com](http://www.paradisesrilanka.com)  
 Handled overall general maintenance work in Villa and Tea factory. Repaired electronic and electrical equipment. Created artworks for tea packaging. Designed the Website and handled Social media accounts. Handled all Accounts and Payroll work of over 500 workers in 80 acre Tea estate.
- Technical Manager / 2007 - 2009**  
 Broadcast Solutions (Pvt) Ltd. - Sirasa TV, Pannipitiya, Sri Lanka. / [www.sirasatv.lk](http://www.sirasatv.lk)  
 Edited some teledramas telecasted on Sirasa TV and designed, manufactured all the electronic gadgets for reality programs produced.
- Studio Engineer & Non-Linear Video Editor / 2004 - 2006**  
 Gōvi Creations Production Studio, Thalawathugoda, Sri Lanka. / [www.govicreations.lk](http://www.govicreations.lk)  
 Handled overall management of the Studio for Pre and Post Production work, repaired Studio equipment. Edited lot of TV Commercials, Documentaries and Teledramas.
- Director Engineering / 1997 - 2003**  
 Vision Works Production Studio, Sri Lanka & Singapore. / [www.visionworkslk.com](http://www.visionworkslk.com)  
 Overlooked Post Production Department and editor's work. Attended to Non-Linear editing, Camera work and Media authoring. Repaired many professional equipment like Video Switchers, Audio Mixers, Capturing Devices, Hard disk Arrays, etc.
- Non-Linear Video Editor / 1996**  
 Swarnavahini Television, Colombo 3, Sri Lanka.  
 Edited lot of TV Programs, Trailers and Themes. Also repaired professional multimedia and editing equipment (AVID).
- Online Video Editor / 1994 - 1995**  
 Extra Terrestrial Vision (ETV), Colombo 4, Sri Lanka. / [www.eastwest.lk](http://www.eastwest.lk)  
 Gained a lot of knowledge on the satellite broadcasting and related equipment. Also had the opportunity to repair many industrial and professional broadcasting equipment.
- Trainee Technician / 1993**  
 Sri Lanka Rupavahini Corporation, Colombo 7, Sri Lanka. / [www.rupavahini.lk](http://www.rupavahini.lk)  
 Started career as an NAB (National Apprentice Board) trainee technician. Gained a considerable knowledge on handling, maintaining and repairing professional broadcasting and multimedia equipment.

## KNOWLEDGE

Over 25 years' in-depth knowledge and vast experience working in multiple organizations in various fields with theory and practical to dig in and solve problems in Electronics, Electrical, Multimedia and Information Technology, etc.

## AREAS OF EXPERTISE

### ELECTRONIC ENGINEERING

Fault Finding and Troubleshooting  
Repairing and Maintenance  
Circuit Designing and Programming

### ELECTRICAL ENGINEERING

Wiring and Distribution  
DB's, MCB's and ELCB's  
Single Phase and 3 Phase

### GRAPHIC DESIGN

Layouts and Artworks  
Magazines and Publications  
Printing

### WEB DESIGN

General Coding  
Web Hosting and SEO  
Social Media Marketing

### AUDIO VISUAL TECHNOLOGY

Pre and Post Production Work  
Camerawork and Editing  
Media Authoring and Streaming

### MULTIMEDIA EQUIPMENT

Vision Mixers, Sound Mixers  
Amplifiers and Speakers  
Projectors, DJ Consoles

### COMPUTER SCIENCE

Operating Systems  
Software and Hardware  
Assembling and Networking

### DESIGN & PROGRAMMING

Arduino & PIC Microcontrollers  
Embed Systems  
Control Systems

### CCTV SYSTEMS

Cameras and Cables  
DVR and NVR  
Network Monitoring

### PNEUMATIC SYSTEMS

Valves and Sensors  
Processors and Actuators  
Control Systems

### AIR CONDITIONING

Window Type, Split Type  
Chilled Water Type  
Controller Boards

## PRACTICAL EXPERIENCE

- Excellent knowledge in Electronics and extensive familiarity in analog/digital systems. Well-versed in reading Service Manuals, Schematic Diagrams and testing different types of electronic component in circuit boards using professional equipment like Analog/Digital Multimeters, Oscilloscopes, Frequency Counters, Spectrum Analyzers, Signal/Waveform Generators. Experience in SMD soldering.
- Repaired several industrial/professional electronic and electrical equipment in component level, including Video/Audio Mixers, Video/Audio Players and Recorders, Video/Still Cameras, Projectors, Amplifiers, Televisions, Hi-Fi Sets, Conventional/Microwave Ovens, Electronic Keyboards, Electronic Scales etc.
- Designed several electronic gadgets with PIC Microcontrollers and Arduino Boards like Programmable Lock, Automatic water pump controller with water level indication, Anti-theft vehicle protection system, Flood level monitoring system, Fire alarm systems, Smart home automation systems, etc. Also designed a remote-control system for the gates at Russian Cultural Centre, Independence Avenue, Colombo, Sri Lanka.
- Edited lot of TV commercials, Teledramas, Documentaries for local and international advertising agencies and created graphic content for various people and occasions. Also, did camera work for some of them. Filmed, edited and created in house training video material set for Stretchline elastic manufacturers at the Export Processing Zone, Biyagama, Sri Lanka.
- Very good knowledge in computer hardware and software. Repaired many types of Desktop/Laptop Computers, Monitors, Power Supplies and performed installation of Operating System and other software packages. Installed several computer networks/CCTV systems including making cables, configuring computers, routers, access points and DVR/NVR's.
- Designed and developed several websites including logo design, content creation, coding and management of hosting. Also, created social media pages and managed SEO (Search Engine Optimization) for them.
- Very good knowledge in Electrical Engineering, reading one-line diagrams, Single phase/three phase household and industrial wiring, working principals of MCB, MCCB, ELCB, and RCCB. Good knowledge about Power generators and electrical motors and their controlling circuits and PLC's.

## PARTICIPATION

- Reality Programs / Technical Manager  
"Punchi Pahe Mang" / Telecasted on Sirasa TV  
Designed and manufactured electronic gadgets including floor light management system, push button related hardware to change the colour of the podiums when the switch is pressed, Automatic switching system for small cameras placed to show what the children has written, etc. Also attended to pre and post production work.
- Teledramas / Non-Linear Editor  
"Yes Boss" / Directed by Suranjan Mahanama / Telecasted on Sirasa TV  
"Pas Mal Pethi" / Telecasted on Sirasa TV  
"Sihina Wasanthayak" / Telecasted on Sirasa TV  
"Pinkanda Simona" / Directed by Chandrarathna Mapitigama / Telecasted on ITN  
"Loku Appachchi" / Directed by Janaka Mahalpath / Telecasted on Swarnavahini
- Documentaries / Non-Linear Editor  
"Buddhism in Sri Lanka" / Produced by Mithram Works, Germany  
"CTC Documentaries" / Produced by Trikaya Grey, Colombo
- Audio Productions / Audio Mixing Engineer  
"PABA" radio drama / Telecasted on Lak Handa radio  
"Ammavarune" audio cassette / Sold in retail outlets

## SOFTWARE LITERACY

Adobe Acrobat	●●●●●●●●●●
Adobe Audition	●●●●●●●●●●
Adobe Dreamweaver	●●●●●●●●●●
Adobe InDesign	●●●●●●●●●●
Adobe Illustrator	●●●●●●●●●●
Adobe Photoshop	●●●●●●●●●●
Adobe Media Encoder	●●●●●●●●●●
Adobe After Effects	●●●●●●●●●●
Adobe Premiere Pro	●●●●●●●●●●
AVID Media Composer	●●●●●●●●●●
AVID MC Express	●●●●●●●●●●
Jaleo	●●●●●●●●●●
Grass Valley Edius Pro	●●●●●●●●●●
CorelDraw	●●●●●●●●●●
Microsoft Office	●●●●●●●●●●
MPLAB X IDE	●●●●●●●●●●
Arduino IDE	●●●●●●●●●●

## WEBSITES DEVELOPED

www.wif.lk  
www.wif.org.lk  
www.wif.care  
www.crcsrilanka.com  
www.serendiblogistics.com  
www.paradisestrilanka.com  
www.paradisegardenresort.com  
www.globalmangrove.org  
www.thorheyerdahlclimatepark.org  
www.britishcentruek.com  
www.telesarasaviya.com

## REFEREES

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## COLLEGE EDUCATION

- Grade 5 Scholarship / 1980 -1985 - ranking 26<sup>th</sup> island wide Mahanama College, Colombo 3, Sri Lanka.
- General Certificate of Education (O/L) / 1986 - 1990 Royal College, Colombo 7, Sri Lanka.
- General Certificate of Education (A/L) / 1991 - 1993 Royal College, Colombo 7, Sri Lanka.
- English for Communication - Level 1 / 1991 University of Warwick, Coventry, England.
- English for Communication - Level 2 / 1992 University of Warwick, Coventry, England.

## ACADEMIC EDUCATION

- Certificate in Television Technology / 1991 Technology & Computer Training Institute, Colombo 8, Sri Lanka.
- City & Guilds for Telecommunication – Part 1 / 1993 City & Guilds, London, England.
- Editing in Tv – Level 1 / 1993 Sri Lanka Television Training Institute, Colombo 7, Sri Lanka.
- Fundamentals of Radio Transmission Theory & Practice / 1994 Sri Lanka Television Training Institute, Colombo 7, Sri Lanka.

## SPECIAL WORK DONE



Fixing Editing system (AVID), Cabling & making the Patch Panel in the first "Swarnavahini" studio, Sri Lanka.



Designed & made a lottery draw machine for the National Lotteries Board (www.nlb.lk), Sri Lanka.

## LAST BUT NOT LEAST

Thank you for any time and effort taken for reviewing my resume and I am very excited about the opportunity to make an immediate and valuable contribution to your company.

Let me mention that I do hereby certify the above particulars are true and correct to the best of my knowledge.

Kapila Gunawardena