

Avani Panchal

Academic Coach

Contact

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Education

Bachelor of Engineering in Electronics and Communication | UCET, Gujarat Technological University | 6.26 CGPA | 2016

Diploma in Electronics and Communication | Govt. Girls Poly, Gujarat Technological University | 6.48 CGPA | 2012

Technical Skills

- Python for Data Science
- Certified Python Developer
- Object-Oriented Programming
- C Programming
- C++ Programming
- VHDL Programming
- Assembly Language Programming
- 8051 Programming
- 8085 Programming
- 8086 Programming
- 80186 Programming
- 80286 Programming
- 80386 Programming
- 80486 Programming
- Pentium Programming
- Pentium Pro Programming
- Pentium Core Programming
- Matlab
- Multisim
- Keil
- VHDL Circuit Design Tools
- Xilinx
- Cisco Packet Tracer.

An accomplished engineering professional with expertise in electronics and communication. Possesses a Bachelor's degree in Engineering and a diploma in Electronics and Communication. Has a strong background in programming languages such as Python, C, C++, and VHDL, and is skilled in using tools and packages such as Matlab, Multisim, Keil, VHDL circuit design tools (Xilinx), and Cisco packet tracer. Certified as a Python Developer, with experience in data science. Successfully completed multiple training programs and projects such as Home Automation and Image Compression. Recognized for achievements such as developing a live radio at PRIVIONS 2011 and participating in ROADIES 2014. Highly motivated and looking for a challenging role in an organization where skills and knowledge can be utilized to contribute to the growth of the organization.

Work Experience

2016-06 -
2017-04

Primary Teacher

Shiv ashish primary school

- Used learning stations to incorporate colors, shapes, and textures to help students develop communication skills and build relationships.
- Reinforced positive behavior by encouraging efforts through affirmation statements and praising accomplishments.
- Met with parents to review Individualized Education Plans for at-risk students.
- Boosted individual perseverance and resilience by setting challenging goals and providing realistic support.
- Provided warm, supportive environment for developing academic, social, and emotional growth.
- Directed class discussions to spark conversation about key concepts, complex problems and overarching themes.
- Prepared and administered grade-specific tests and examinations regulated by school district to monitor students' growth and to report progress to parents.

2016-01 -
2016-06

Preparatory Teacher

Shanti's Hopscotch

- Communicated frequently with parents, students, and faculty to provide feedback and discuss instructional strategies.
- Incorporated exciting and engaging activities to achieve student participation and hands-on learning.
- Kept students on-task with proactive behavior modification and positive reinforcement strategies.
- Incorporated multiple types of teaching strategies into classroom.
- Planned and implemented integrated lessons to meet national standards.
- Supported student physical, mental, and social development using classroom games and activities.
- Worked cooperatively with other teachers, administrators, and parents to help students reach learning objectives.

2015-07 -
2015-12

Primary School Teacher

Buds preschool (Aanand niketan foundation)

- Develop and implement lesson plans that align with the school's curriculum and meet the needs of individual students.
- Create a positive and engaging classroom environment that encourages student learning and fosters positive relationships.
- Assess student progress regularly using a variety of methods, including informal observations, formative assessments, and summative assessments.
- Communicate regularly with parents and guardians about their child's academic progress, social development, and behavior.
- Collaborate with other teachers and staff to plan and implement school-wide events, such as parent-teacher conferences, field trips, and school performances.

Personal Information

Date of Birth: 24th August 1994
Nationality: Indian
Gender: Female
Marital Status: Married
Languages: English, Hindi, and Gujarati.
Hobbies: Surfing, Travelling, Singing, Dancing.

References

- Alok Shah, Owner at Arham Education | (M)7878555688 | (E-Mail) alok85@gmail.com
- Hiren Panchal, Senior Consultant at TCS | (M) 9712936232 | (E-Mail) PANCHAL.HIREN@TCS.COM

- Attend professional development workshops and training sessions to stay up-to-date with the latest teaching techniques and best practices.
- Ensure that all classroom materials and resources are organized and well-maintained, including textbooks, learning materials, and technology.
- Follow all school policies and procedures, including those related to student safety, discipline, and attendance.
- Work closely with special education teachers and support staff to provide appropriate accommodations and modifications for students with special needs.
- Serve as a positive role model for students, demonstrating professionalism, kindness, and a commitment to lifelong learning.

Training & Projects

Home Automation Project at MICROTECHSYSTEM | Jan 2012 - June 2012
Demonstrated proficiency in understanding and utilizing the Microtech system, resulting in the successful completion of several live projects, including Burglar Alarm, Water Level Indicator, and Object Counter.

Image Compression at SUKSHAMA VISION PVT. LTD | June 2014 - April 2015
Developed an Image Compression program to effectively compress and reconstruct images. Additionally, proficiently converted various file formats such as .bmp, .jpeg, and .png from JPEG files.

Accomplishments

- Created and launched a live radio program at Nirma University, Ahmedabad in 2011.
- Participated in the ROADIES event held at Universal College, Ahmedabad in 2014.
- Constructed various rectifiers, including full wave, half wave, and bridge, during my Diploma studies.
- Designed and built a model of Clipper Clamper Circuits during my Diploma studies.