

ALLI GOPI

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SUMMARY

As an Electronics and Communication Engineering student, I have a strong foundation in circuit design, signal processing, and embedded systems. Proficient in MATLAB, Simulink, Multisim, and Easy EDA for simulation and analysis, I am eager to leverage my technical skills to contribute to innovative solutions and drive success in real-time applications.

EDUCATION

- GANDHI INSTITUTE OF TECHNOLOGY- Bengaluru, Karnataka
Bachelor of Technology, Electronics and Communication
percentage: 81.51%
- ABHYAS JUNIOR COLLEGE- Proddatur, Andhra Pradesh
Intermediate
Percentage: 93.7%
- ADITYA HIGH SCHOOL- Proddatur. Andhra Pradesh
percentage: 92.8%

TECHNICAL SKILLS

- C Programming Language Fundamentals,
• loops, arrays, structures, functions
- MATLAB
- Basics of Simulink, Simscape
- Multisim & Easy EDA
- Signal processing
(modulation, demodulation)
- Communication protocols
- Feedback loops, PID controllers

SOFT SKILLS

- Time Management
- Leadership
- Decision Making
- Analytical Thinking
- Adaptability
- Initiative
- Mentorship

CERTIFICATIONS

- Introduction To MPLAB® X IDE
- Microchip Try - Basics of Developing Microcontroller Applications
- Creating Unique Digital and Analog Functionality by Interconnecting Core Independent Peripherals (CIPs).
- 8-bit PIC® MCU Peripheral Deep Dive
- Everyday Excel, Part 1
- Everyday Excel, Part 2
- Everyday Excel, Part 3 (Projects)

INTERNSHIPS

Intel Unnati (Data-Centric Labs in Emerging Technologies):

- Contributed to a password-protection project utilizing Intel SGX technology.
- Developed secure AI models to enhance project security.
- Performed data analysis to gain insights and improve model performance.
- Utilized Python for data preprocessing and visualization tasks.
- Gained hands-on exposure to advanced security technologies and their practical applications.

AICTE AI-ML Virtual Internship:

- Developed machine learning models to solve specific problems.
 - Conducted data analysis to interpret and leverage data effectively.
 - Used Python for scripting, data preprocessing, and visualization.
 - Enhanced understanding of AI-ML concepts through practical application and project work.
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PROJECT

Speech Recognition for Individuals with Disabilities Using Machine Learning:

- Created a voice interface to help people with disabilities.
 - Made it easy to interact with technology using customized speech recognition.
 - Focused on making the experience simple and accessible for all users.
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WORKSHOPS

- NXT WAVE AI Workshop
 - Participated in an AI-ML Virtual Hackathon
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ACCOMPLISHMENTS

- Completed NCC Cadet training with 5 KAR Battalion, focusing on leadership and discipline.
 - Took part in drills, rifle shooting, and fitness training.
 - Involved in community service and teamwork activities.
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LANGUAGES

- English
- Telugu
- Hindi
- Kannada