LUGALAPU MOUNIKA

SKILLS

HTML5, CSS3, Circuit Simulation, Java7, MATLAB, Verilog, Web Development, Basic – JavaScript, PHP

PROJECT UNDERTAKEN

- **Home Automation Using Voice Command:** Developed a system to control home automation devices, including fans, TVs, and lights, using voice commands in any language for user convenience.

- **SCOPES-2024 Conference Website:** Developed and deployed the SCOPES-2024 conference website for Centurion University using HTML, CSS, and JavaScript. Assisted in integrating paper submissions via CMT and ensured a seamless user experience. The website, hosted at scopes24.cutm.ac.in, supports the IEEE-sponsored event to foster academic and industry collaboration.

- **CBCS Tracker and Result Management:** Designed to streamline the process of viewing and managing student results and credits for educational institutions. Utilizing a combination of HTML, CSS, and MySQL, this platform provides a user-friendly interface for students and faculty to access academic information efficiently.

- **Chromite M SoC:** Chromite M SoC employs advanced VLSI techniques for chip design and verification, integrating high-performance computing capabilities within a compact and energy-efficient system-on-chip architecture.

DOMAIN EXPERTISE

Chip Design and Verification using VLSI | Implementation and validation of integrated circuits| 1year

EDUCATION

B. Tech. | Centurion University of Technology and Management | 2021-2025

Bachelor Degree in Electronics and Communication with 9.09 CGPA (contd.)

Class XII (Math with Biology) | Sri Krushna Chandra Gajapati| Parlakhemundi ODISHA, CHSE | 2021

Passed Higher Secondary with 76%.

Class X | Sri Jagannath High School | Sidhamadanga,

Parlakhemundi, Odisha | BSE | 2019

Passed Matriculation with 67.4%

OBJECTIVE

Eager to play a role in the advancement of semiconductor technology, with a keen focus on areas like low-power design. Excited about joining an innovative VLSI design team to hone my skills and contribute to crafting efficient, high-performance integrated circuits.

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in https://www.linkedin.com/in/lugalapu-mounika-7bb66426a/

○ https://github.com/Mounika-Lugalapu/

INTERNSHIP

Bharat and Prodigy Infotech Internship: Utilized my skills to successfully complete assigned tasks, contributing to the development of various applications.

- Bharat Internship: Focused on web development, completed between October 2023 to November 2023.
- Prodigy Infotech Internship: Focused on software development, completed between January 2024 to February 2024.

INDUSTRY CERTIFICATION/ RECOGNITION

- "VLSI from RTL to GDS." It is a 12-week online course, including an exam, conducted from July 2023 to October 2023.
- Certified for completing Software Development internship at Prodigy Infotech and Web Development internship at Bharat Intern

INTERESTS

- Sketching
- Web Designing
- Solving puzzles