KODIPAKA SAIDIVYA

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Linkedin

Summary

I am a dedicated student and avid continuous learner with a strong proficiency in electrical and electronics engineering. I have gained valuable hands-on experience during a 6-month internship at a TS Transco substation. Currently, I am expanding my expertise in data science, SQL, and Python to keep pace with emerging technological advancements.

EDUCATION

Sreenidhi Institute of Science and Technology, India

B.TECH in Electrical and Electronics Engineering,

CGPA : 8.5, 2022-present

SRRS Government Polytechnic, India

DIPLOMA in Electrical and Electronics Engineering,

CGPA : 9.5,2019-2022

Sri Saraswathi Shishu Mandir, India

SSC (Class X), CGPA: 9.2, 2018-2019

SKILLS

- **Languages:** Python | C | SQL
- **Technical:** Data Structures | Data Science | MS Excel
- **Core:** AutoCAD | CMOS VLSI Design | Circuit Designing | Electronics Enthusiast |Electrical Proficiency
- **Soft Skills:** Quick Learning | problem solving | Adaptability |Leadership qualities

CERTIFICATIONS

- Certified SQL & Python| Skill Assessment Certified by HackerRank.
- Electrical AutoCAD Certified Professional | LinkedIn Learning Course Completion
- Certified in Reinforcement Learning | Infosys Springboard
- SQL & Python Certified Professional | LinkedIn Learning Course Completion
- Elite Certificate in CMOS Digital VLSI Design | NPTEL
- AI-ML Virtual Internship Completion Certificate |AICTE, EduSkills Portal.

ACHIEVEMENTS

- Lila-Poonawala Foundation (LPF) Merit Scholarship Award - 2022
- Achieved Silver Badges in C and Python from HackerRank.
- First Prize in state level Science Fair-2017, in Mathematical Models.
- First Prize state level Kho-Kho competitions - 2017.
- Ideal Student Award - 2015 by Life Insurance Corporation.

INTERNSHIP & WORK EXPERIENCE

- **Python | CodeAlpha**

  01/06/24 – 30 /06/24
  - Developed a Hangman game to enhance programming skills and problem-solving abilities.
  - Created a small chatbot to improve user interaction and automation.

- **Modern Power systems | Zafnish Power**

  05/05/24 – 04 /06/24
  - Gained practical experience with advanced grid technologies and smart grid systems.
  - Worked on integrating renewable energy sources with modern power distribution networks.

- **EV Design & Analysis using MATLAB & ML | National Small Scale Industries**

  NSIC | 09/05/23 - 31 /05/23
  - Applied MATLAB and Simulink for EV development, gaining hands-on experience.
  - Explored lithium-ion battery applications, enhancing EV efficiency.

- **Industrial Training | TS TRANSCO (220/112)KV**

  01/01/22 - 31 /06/22
  - Acquired extensive knowledge of substation operations and maintenance.
  - Developed practical skills in handling high-voltage equipment and ensuring system reliability.

PROJECTS

- **Autonomous Unmanned Aerial Vehicle Navigation Using ML**

  Feb 2024 – Present
  - Implemented RL algorithms (Q-learning, DQN) for UAV autonomous navigation.

- **Audio Amplifier using IC 741**

  Sep 2023 - Dec 2023
  - Designed and evaluated a headphone amplifier circuit with IC 741 to enhance audio quality and signal amplification.

- **Remote Control Air Cooler**

  Jul 2021 - Dec 2021
  - Implemented Automated a home air cooler.
  - Developed a controller board to enhance energy efficiency and automation.