

AVULA RAVI KUMAR

College Graduate | Software Engineer

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Credly: Ravi Kumar

CAREER OBJECTIVE

Seeking an entry-level software engineering role to apply foundational programming skills in Python, C, Data Structures and theoretical knowledge in software development for contributing to innovative projects.

EDUCATION

Bachelor of Technology in Electrical and Electronics Engineering
Prasad V Potluri Siddhartha Institute of Technology
Board of Intermediate Education
Sri Chaithanya Junior College

January 2021 – April 2024
CGPA: 7.61
June 2018 – May 2020
CGPA: 8.42

TECHNICAL SKILLS

- **Programming Languages:** Python, C
- **Software Tools:** Excel, PowerPoint
- **Web Development:** HTML&CSS basics
- **SQL**
- **Operating System:** Windows

PROJECTS

Animal Health Monitoring System

Dec 2023 – March 2024

- Executed real-time sensor integration to continuously track vital signs such as heart rate, temperature, and activity levels, ensuring comprehensive health surveillance.
- Utilized AI algorithms to analyse gathered data with an accuracy rate, enabling detection of anomalies and potential health issues.
- Established a centralized dashboard for instant access to animal health metrics, facilitating prompt intervention and treatment when necessary, reducing response time.
- Contracted predictive modelling to forecast health trends, improving preventive care strategies and reducing veterinary costs annually.
- Enabled remote monitoring capabilities, allowing veterinarians to assess animal health from anywhere, enhancing efficiency and reducing on-site visits by 15%.

Protection of Generator in 210mw Thermal Power Plant

Dec 2023 – March 2024

- Lead a team of 4 members and gained practical knowledge about the working of different electrical equipment in industry.
- Conducted various tests on a generator to check health condition of a generator and observed how to dismantle from external team.
- Successfully rectified generator from stator-earth fault.

CERTIFICATIONS

- Mastered Data Analytics and Visualization with Accenture.
- Excelling in Python fundamentals through Infosys Springboard.
- Conquered AWS CLOUD VIRTUAL with AICTE-Eduskills.
- Thriving as a Young Professional with TCS.
- Commanded Introduction to C programming via Internshala.
- Attained proficiency in Python fundamentals at IIT Bombay.
- Introduction to Cybersecurity - Issuer: Cisco
- Cybersecurity Essentials - Issuer: Cisco

ACHIEVEMENTS

- President of Solar Energy Society of India (SESI) – Student Committee.
- Secured third position in JAM event in PVPSIT.