

G HARSHASREE

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Summary

Enthusiastic and adaptable [Electronics and Communication Engineering] graduate with a strong academic background and a passion for innovative technology and creative problem-solving. Possesses excellent communication skills and a keen eye for detail honed through academic projects and internships. Eager to leverage theoretical knowledge and practical experiences to contribute effectively to Organization, while continuously learning and growing in a dynamic professional environment.

Skills

- Python, SQL, MS- Word,
- MS – Excel, Outlook
- Strong communication skills, both verbal and written
- Excellent problem-solving abilities and critical thinking
- Adaptable and quick learner
- Team player with a collaborative mindset
- Time management skills
- Ability to lead projects and teams effectively

Experience

Quality Associate | AMAZON DEVELOPMENT CENTRE - Bangalore, Karnataka |(6 M)

- Performed regular quality audits on outbound/inbound processes to ensure compliance with Amazon's operational standards and SOPs.
- Monitored and analyzed defect data, identifying patterns and reporting findings to Quality Analysts or Process Assistants.
- Collaborated with associates and leadership to communicate quality expectations and best practices. Maintained accurate records of quality inspections and provided daily/weekly reports to supervisors.
- Participated in continuous improvement initiatives (Kaizen, Lean, Six Sigma) to enhance operational effectiveness.
- serve as the first line of support for address resolution, geocode correction, map edits and other operational activities.
- Contributed to the development of training materials and best practices based on recurring quality issues.

Internet Of things (IOT) Intern | Pantech Solutions Pvt.Ltd – Chennai, Tamil Nadu |

- Gained hands-on experience with IoT hardware components such as Arduino, Raspberry Pi, sensors.
- Assisted in developing and testing IOT based solutions for data collection & remote monitoring system.
- Supported team in configuring sensor nodes and integrating them with cloud platforms (e.g., AWS IoT).
- Designed user interface elements such as buttons, forms, menus, and navigation bars.
- Documented system configurations, connection schemas, and testing procedures for internal reference.
- Attended team knowledge sessions on IoT architecture, embedded systems, and cloud computing fundamentals.

Projects

Stock Market Price Prediction

- Developed a machine learning model to predict stock prices using latest technologies, that predicts the price of the stocks.
- Applied time series forecasting techniques (e.g., LSTM) to analyze and predict stock trends with improved accuracy.
- Utilized Python libraries such as Pandas, NumPy, TensorFlow, & Keras for data preprocessing, model building & evaluation.
- Explored sentiment analysis using financial news or social media (e.g., Twitter) to enhance prediction insights.
- Improved model accuracy by fine-tuning hyperparameters and applying techniques like cross-validation and normalization.

Internet Of Things Based Smart Refrigeration System

- Designed and developed an IoT-based smart refrigeration system to monitor and control temperature and humidity remotely.
- Integrated sensors (e.g., DHT11/DHT22, temperature, and humidity sensors) with microcontrollers like Raspberry Pi.
- Implemented real-time data transmission to cloud platforms using Wi-Fi modules.
- Configured alert systems to notify users via mobile app or email when temperature thresholds were exceeded.
- Conducted testing under various environmental conditions to validate sensor accuracy and system stability.
- Project aimed at applications in cold chain logistics, food storage refrigeration

Education

SAVEETHA ENGINEERING COLLEGE | Chennai, Tamil Nadu, India | 2023

B.E: Electronics and Communication Engineering

Achievements

- Organized multiple fun events and outing events with the help of Manager during my career at Amazon.
- Participated in a season 3 Hackathon Organized by IIT.
- Served as the volunteer for the one-day for the mission of Swachh Bharat.

Certification

- International level student workshop-2k22 on Embedded (SEC).
- Certification from NPTEL for the course "Cloud Computing".

Languages

English:

Native/ Bilingual

Tamil:

Professional

Telugu:

Native/ Bilingual

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.