Kiran V

Junior Executive
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GitHub | **Linkedin** | **LeetCode** | **HackerRank**

Education

REVA University — Bangalore
Electronics and Communication Engineering Bachelor of Technology — December / 2020 - July / 2024
CGPA: 8.14

Amara Jyothi PU College — Mulbagal
PCMCs PUC — May / 2018 - March / 2020
Percentage: 78.5%

Morarji Desai Residential School — Mulbagal
SSLC — July / 2013 - April / 2018
Percentage: 82.88%

Experience

Genisys Information Systems India Pvt Ltd | Junior Executive - Customer Support Bengaluru, India | October / 2024 - February / 2025

- Process and manage dealer orders, ensuring accuracy in product selection and quantity.
- Assign and communicate unique order IDs to streamline tracking and improve efficiency.
- Maintain clear and professional communication with dealers, providing order updates and addressing inquiries.
- Conduct Dealer Satisfaction Surveys (DSS) to assess service quality, gather feedback, and identify areas for improvement.
- Analyze DSS responses to enhance customer experience and optimize service delivery.
- Document orders systematically, ensuring organized records for seamless follow-ups and tracking.

Skills

Programming Languages:	Python, Advanced Excel
Libraries/Frameworks:	JavaScript, HTML, CSS
Databases:	MySQL

Projects / Open-Source

Car Speed Checker *Arduino, Ultrasonic Sensors, IR Sensors, C/C++, LCD Display, Breadboard, Jumper Wires*

- Designed and implemented a car speed monitoring system using Arduino and a sensor-based setup.
- Utilized ultrasonic or IR sensors to detect vehicles passing two checkpoints, calculating the speed based on the time taken between them.
- Programmed the Arduino microcontroller using C/C++ to measure time intervals and compute vehicle speed.
- Displayed speed data on an LCD screen and triggered alerts when a vehicle exceeded the predefined speed limit.
- Integrated a buzzer system to provide real-time alerts for over speeding.
- Tested the project under different conditions to ensure accuracy and reliability.

Fire Fighting Robot *Arduino, Flame Sensors, Motor Driver, DC Motors, Ultrasonic Sensor, Water Pump, C/C++*

- Developed an autonomous fire-fighting robot capable of detecting and extinguishing small fires.
- Utilized flame sensors to detect the presence of fire and ultrasonic sensors for obstacle avoidance to navigate through spaces.
- Programmed the Arduino microcontroller in C/C++ to control the movement of the robot and direct it towards the fire source.
- Integrated a motor driver to control DC motors for robotic movement and a water pump to extinguish fires upon detection.

- Implemented real-time decision-making algorithms to ensure efficient fire detection and extinguishing.
- Successfully tested the robot in controlled environments, demonstrating the ability to navigate towards and extinguish fire.

Raspberry Pi based Android Controlled SurveillanceRobot *Raspberry Pi, Python, Android App, Pi Camera, DC Motors, Motor Driver, Wi-Fi, Flask*

- Developed a surveillance robot controlled via an Android application using a Raspberry Pi as the core controller.
- Programmed the Raspberry Pi using Python to interface with the Pi Camera for real-time video streaming and capture.
- Designed an Android app to control the robot's movement over Wi-Fi, providing remote access to video feed and robot controls.
- Implemented motor control using DC motors and a motor driver, allowing the robot to navigate through different terrains.
- Established a wireless communication system between the Android app and Raspberry Pi using Flask (or another framework) for seamless control.
- Integrated features like live video feed, motion detection, and remote control, ensuring security monitoring from a distance.
- Successfully tested the robot in indoor environments, ensuring reliable video streaming and responsive controls.

Accenture Nordics Software Engineering - 2024 | Link *PyCharm, Sublime Text*

- Successfully completed a software engineering certification with a focus on Agile and Waterfall methodologies, as well as Software Security Development Life Cycle (SSDLC) practices.
- Developed strong analytical skills for identifying system requirements, performing maturity level assessments, and reading/debugging code to ensure optimal performance.
- Gained proficiency in both Agile and Waterfall models, enabling efficient software development processes tailored to project needs.
- Acquired hands-on experience with SSDLC, enhancing the ability to create secure and reliable software systems.
- Improved debugging capabilities to quickly identify and resolve code issues, ensuring high-quality deliverables.

J.P. Morgan Software Engineering Virtual Experience on Forage - September 2024 | Link
PyCharm, Sublime Text

- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chases open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Certifications

- Accenture Nordics Software Engineering - 2024 - **Forage**
- J.P. Morgan Software Engineering Virtual Experience on Forage - September 2024 - **Forage**
- Python for Data Science, AI & Development - **Coursera**
- Introduction to the Internet of Things and Embedded Systems - **Coursera**
- Front End Development - HTML, CSS and JavaScript - **Great Learning**