Ashwin Sriram R

+91 9865674474 | ashwinsriram03@gmail.com | linkedin.com/in/Ashwinsriram15 | github.com/sriram5566
leetcode.com/u/Ashwinsriram15

EDUCATION

Sri Krishna College of Engineering and Technology   Coimbatore, India
Bachelor of Engineering in Electronics & Communication Engineering "CGPA:7.5/10" Nov. 2021 – Mar 2025(Expected)

EXPERIENCE

Product Manufacturing Engineering Intern   Jan. 2023 – Jan 2023
Kalyx   *kannur, kerala, India*
- Manufacturing Process Mastery: Developed a strong understanding of the production process, from raw material procurement to finished product packaging.
- PVC Product Diversification: Acquired in-depth knowledge of PVC product manufacturing, encompassing containers, cups, trays, tubs, and bowls.

PCB Design Engineer Intern   June 2023 – June 2023
Vasantha Advanced system   *Coimbatore, Tamil Nadu, India*
- Electronics Manufacturing: Proficient in PCB design, testing, and assembly, alongside wire harnessing and box build processes.
- Mechanical Integration: Experienced in mechanical engineering principles applied to product design and assembly.

Mobile App Development Intern   Dec 2023 – Jan 2024
Idea Bricks Technologies   *Coimbatore, Tamil Nadu, India*
- Mobile App Development Fundamentals: Comprehensive training covering the entire mobile app development lifecycle, from ideation to deployment.
- Hands-on Experience: Practical application of learned concepts through UI/UX design, development (native and hybrid), and platform-specific implementations.

PROJECTS

Snake Game | *Java*   Sept 2024
- Java Game Development: Developed a console-based Snake Game in Java, implementing real-time game loop control and dynamic rendering for smooth gameplay.
- Game Mechanics & Collision Detection: Created responsive player controls, food spawning, and collision detection to manage snake movement, ensuring engaging and error-free gameplay.

Car Rental System | *Java*   Aug 2024
- Java OOP Development: Designed and implemented a console-based Rental Car System using Java, leveraging Object-Oriented Programming (OOP) principles for structured and modular code.
- Efficient Data Management: Managed car inventory, customer data, and rental transactions using optimized data structures, ensuring smooth and scalable system performance.

Accident Prevention System | *various sensors, MPU6050, GSM, and ThinkSpeak*   April 2024
- Sensor Integration: Developed a comprehensive system utilizing multiple sensors (alcohol, fire, temperature, gyroscope, accelerometer) to detect potential hazards.
- Real-time Response: Implemented GSM-based notifications and cloud data storage (ThinkSpeak) for timely alerts and data analysis.

Personal Portfolio Website | *React.js, HTML5/CSS3*   April 2023
- React.js Development: Created a dynamic and interactive personal portfolio website using React.js for efficient UI development.
- Responsive Design: Ensured optimal user experience across different devices through responsive design principles.

TECHNICAL SKILLS

Languages: Java, C/C++, React Js, MySQL
Frameworks: Bootstrap, Material-UI
Developer Tools: VS Code, IntelliJ, Eclipse, Spring tool suite

CERTIFICATION

Java SE 8 Programmer Certification by Oracle (Progress)
Oracle Certified Associate Java Programmer (OCAJP) 1Z0-808 by Udemy
Technical English for Engineers by NPTEL