

ARUN KUMAR. M

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Career Objective

As a motivated final-year student proficient in C, C++, Java, and Swift with foundational skills in Python and ReactJS, I am eager to contribute to a dynamic team as a Software Engineer. I bring expertise in Frontend Development, aiming to drive innovation and help achieve team goals.

Education

B.E Electronics and Communication Engineering

Karpagam Academy of Higher Education, Coimbatore

Pursuing

CGPA 9.33

HSC

S.H.N.V Higher Secondary School, Sivakasi

(2020 – 2021)

Percentage 87

SSLC

S.H.N.V Higher Secondary School, Sivakasi

(2018 – 2019)

Percentage 79

Internships

Motion Cut Inside AICTE

(November 2023 – December 2023)

Web Development

- Utilized HTML, CSS, and JavaScript for various web development tasks.
- Developed proficiency in creating business websites, designing registration forms with validation, ensuring responsive design, and constructing e-commerce platforms.

Emglitz Technologies

(May 2023 – June 2023)

Embedded C

Coimbatore

- Implemented Embedded C in projects centered around embedded systems.
- Acquired skills in programming embedded systems with a focus on hardware-software integration.

Sevael Technologies Private Limited

(July 2022 – August 2022)

Very Large-Scale Industry (VLSI)

Chennai

- Worked on VLSI design using industry-standard tools and technologies.
- Acquired skills in designing integrated circuits and semiconductor technologies.

Certifications

DSA Programming Language in C and Python

(February 2024)

Neo Codeathon

- Data Structures and Algorithms in C and Python, focusing on problem-solving.
- Strengthened programming skills in C and Python for efficient algorithm development.

Swift

(February 2024)

Infosys Springboard

- Fundamentals of Swift programming, including syntax, app development basics.
- Acquired proficiency in Swift programming for iOS app development.

SQL

(January 2024)

Hacker Rank

- Basic SQL commands, queries, and database management.
- Gained practical knowledge of SQL for database manipulation and querying.

Microprocessor and Microcontroller

(January 2023 – April 2023)

NPTEL

- Study on microprocessor and microcontroller architecture, programming, and applications.
- Enhanced understanding of microprocessor and microcontroller functionalities for embedded systems.

Diploma Computer Teacher Training (DCTT)

(February 2018)

Manivel Institute

- Comprehensive training on computer teaching methodologies
- Qualified to teach computer courses with foundational pedagogy.

Project Details

Alcohol Detector with Reporting Through SMS using Arduino | Arduino UNO SMD, GSM Modem, GPS Module, MQ4 Sensor, LCD Display, Buzzer, Transformer, Arduino Programming language.

(December 2023 - February 2024)

- Designed and implemented a real-time alcohol detection system using Arduino.
- Led hardware and software integration, utilizing GSM modem for SMS reporting, GPS module for location tracking, and MQ4 sensor for alcohol detection.
- Developed a functional prototype that alerts users via SMS and activates a buzzer upon detecting excessive alcohol levels, improving safety measures against drunk driving accidents

Object Detector Using Python | Python, NumPy, TensorFlow, YOLO V8

(March 2024 – April 2024)

- Develop an Object Detector to identify objects with bounding box coordinates and class labels using YOLO deep learning model.
- Led the development using Python, TensorFlow, NumPy, and YOLO V8 for object recognition and localization.
- Enhanced object detection accuracy, supporting advanced computer vision applications and contributing to the development of intelligent systems.

Technical Skills

Frontend | HTML, CSS, JavaScript, ReactJS
Version Control | GitHub
IDEs | Visual Studio Code, Eclipse, NetBeans
MS Office | Word, Excel, PowerPoint
Programming Language | C, Java, C++
Python, Swift
Database | SQL

Achievements

- Won First Place in All India Neo Codeathon – February Edition, awarded a Smartwatch and Certificate for outstanding achievement.
- First Rank Holder in the II Semester, received a Certificate of Appreciation.
- First Rank Holder in the III Semester, received a Certificate of Appreciation.

Soft Skills

- Adaptability
- Leadership
- Communication
- Problem Solving

Area of Interest

- PCB Design
- Operating System
- Frameworks
- Circuit Designing

Declaration

I hereby declare that all the information's provided above is accurate to the best of my knowledge.

Place: Coimbatore

[ARUN KUMAR. M]

Date: