

Anuratha N

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Objective

To leverage my technical and communication skills to contribute effectively to organizational goals while continuously learning and enhancing my expertise.

EDUCATION

Bachelor of Engineering (Electronics and Communication Engineering)

K. Ramakrishnan College of Engineering (Autonomous) | 2018 - 2022

CGPA: 8.02

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, SQL
- **Web Development:** HTML, CSS
- **Tools and Frameworks:** Apache Kafka, Spring Kafka
- **Core Skills:** Team collaboration, time management, and effective communication

Projects

- **Heart Rate Monitor System**

Developed a system using Arduino and a heartbeat sensor to track heart rate efficiently

- **Pattern Recognition of Finger Movements**

Implemented machine learning techniques to classify finger movements from SEMG signals, enhancing accuracy in pattern recognition.

- **Real-time Kafka to WebSocket Data Streaming**

Created a Java application to consume Kafka topics and convert them to WebSocket notifications using Java WebSocket API, enabling real-time data processing.

Professional Training

- **Embedded Systems Internship**

CodeBind Technologies

Completed a five-day internship focused on embedded systems, building practical knowledge in hardware-software interfacing.

- **Robotics Workshop: Future Technologies**

Sastra University, Tanjore

Participated in a workshop that explored advancements in robotics and automation.

CERTIFICATIONS

- **Honours Diploma in C Language**

CSC Computer Education (P) Ltd. | 2018

- **Google Analytics for Beginners**

Google Analytics Academy | 2020

- **Advanced SQL Query Writing**

Practical experience with complex SQL queries, including joins, subqueries, and group-by operations.

ADDITIONAL EXPERIENCE

PRACTICED C PROGRAMMING ON PLATFORMS LIKE HACKERRANK AND SKILLRACK.

LANGUAGES

- ENGLISH
- TAMIL