Jyothirmayi K S

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Objective

Aspiring to employ technical abilities in a manner that drives progress and innovation.In search of positions where I can use my technological expertise and looking for the best opportunities to use a combination of practical experience and analytical thinking to promote technological innovation..

Education

Course / Degree	School / University	Grade / Score	Year
B. Tech in Electronics and Communication Engineering	NSS College of Engineering, Palakkad	7.71	2020-24
Higher Secondary	St. Aloysius HSS ,Elthuruth, Thrissur	94.1%	2017-19
Secondary Education	Sacred Heart of Mary's Convent Girls High School, Kandassankadav	100%	2017

Projects

- **Home automation using OpenThread**
  -Implemented a home automation system using OpenThread technology to enable secure and reliable IoT communication.
  -Designed and developed various smart home features, enhancing overall automation and connectivity.
- **Robotic Fire Extinguisher Using Arduino**
  -A fire fighting robot with the help of Arduino, flame sensor and servo motors.
  -Run automatically and extinguish fire.
- **Hearing aid using IC741 Opamp**
  -Hearing aid is small enough to fit into a match-box as it uses only one IC and very few discrete components.
  -Also work as a baby-phone by using a speaker instead of an ear-phone.
- **Digital Stopwatch using 8051 Microcontroller**
  A digital stopwatch that displays time on four seven segment displays using 8051 microcontroller.

Activities

- Dyuksha'23 National Techno Cultural Fest Event Coordinator, Elacsta Panel member, Noopuram'22-Arts Festival Coordinator

Skills

- Soft Skills- Communication, Time Management, Work Ethic, Leadership, Problem Solving.
  Technical Skills- Java,HTML,CSS,JavaScript,LTspice Simulation Software , Proteus Simulation Software, LaTeX

Certificates

- Programming for Everybody (Getting Started with Python) by University of Michigan via Coursera