VIKASH K V
FINAL YEAR STUDENT

CONTACT

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EDUCATION

BE EIE
SRI SAIRAM ENGINEERING COLLEGE
CGPA:7.01
2021-2025

12th
BISHOP AROKIYASAMY HIGHER SECONDARY SCHOOL
PERCENTAGE: 71%
2021

TECHNICAL SKILLS

Programming Languages
- C
- C++ (Basics)

Embedded Systems
- Microcontroller programming
- RTOS

Digital Electronics
- Digital logic
- Microprocessors

Technical Tools
- PCB design
- Debugging
- Signal integrity

SOFT SKILLS
- Organizational
- Time Management
- Problem-Solving
- Adaptability

CERTIFICATIONS
- Embedded Systems
  Pumo Technovation
- Cpp Training
  Spoken Tutorial

LANGUAGES
- Tamil
- English

INTERESTS
- Traveling
- Gardening
- Sports and Fitness

PROFESSIONAL SUMMARY

Dynamic and motivated fresher with a keen interest in embedded systems and software development and pursuing a degree in Electronics and Instrumentation Engineering. Gaining hands-on experience in programming languages like C, C++, and microcontroller programming through projects and coursework, with a solid understanding of digital and analog electronics. Developing strong problem-solving skills and a collaborative mindset through team-based projects, with a commitment to continuous learning and improvement in embedded systems, software development, and technology.

INTERNSHIP EXPERIENCE

PUMO TECHNOVATION   **MAY 2024-JUNE 2024**
Embedded Systems intern
- Designed and developed embedded systems for industrial automation using microcontrollers
- Collaborated with the engineering team to integrate embedded systems with mechanical and software systems

SCHWING STETTER   **APRIL 2023-MAY 2023**
Intern
- Designed and developed PLC programs for construction equipment, utilizing expertise in circuit design and programming.
- Assisted in testing and debugging PLC programs and circuits, ensuring optimal performance and reliability

PROJECT

Non-Invasive Anemia Diagnostic

Technologies: Smartphone-based application, Native hardware, Photography
Description: Collaborated on a team project to develop a non-invasive smartphone app for measuring blood hemoglobin (Hgb) levels, addressing the need for accessible and affordable anemia diagnostics in low-resource settings (LRS).

Accomplishments:
- Developed a user-friendly and effective diagnostic tool for anemia, with potential for global health impact
- Gained hands-on experience with Health solutions development and clinical validation study design
- Enhanced collaboration and research publication skills

ACHIEVEMENTS
- Successfully developed and published a patent for a non-invasive anemia diagnostic device, showcasing innovative thinking and problem-solving skills
- Won 1st prize in Techno Think for groundbreaking technology solutions and awarded 2nd prize in Prototyping Extravaganza for exceptional prototyping skills, showcasing innovative thinking, creativity, and product development