**GURU PRASATH M  
Biomedical Engineer**Email: guruprasath0405@email.com  
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**PROFILE:**

Highly motivated **Biomedical Engineer** with expertise in **medical devices, bio-signal processing, and AI in healthcare**. Skilled in designing, analyzing, and optimizing biomedical systems. Passionate about integrating **machine learning and AI**into medical applications to enhance diagnostics and patient care.

**EDUCATION:**

**B.E in Biomedical Engineering**Easwari Engineering College| CGPA: 7.6  
2023- 2027

**SKILLS:**

● **Technical Skills:** Medical Image Processing, Bio-Signal Analysis, Machine Learning, Deep Learning, MATLAB, Python

● **Programming Languages:** Python, C, C++

● **Software & Tools:** MATLAB, LabVIEW, AutoCAD, Proteus

● **Databases:** MySQL, MongoDB

● **Operating Systems:** Windows, Linux

● **Languages:** Tamil, English,Hindi

**PROJECTS:**

**Pulse oximeter : Pulse Oximeter Project**

* **Hardware Components:** Integrated Spo2 sensor, LEDs, and photodiode to measure blood oxygen saturation levels.
* **Responsibilities:** Designed and implemented the hardware setup, ensuring accurate readings and efficient performance.

**CERTIFICATIONS:**

**Infosys certificate:** Introduction to Artificial Intelligence, Introduction to Data Science,Java Concepts,Programming in C,Machine learning with matlab.

**Great Learning certificate:** Data Visualization in power bi.

**CISCO certificate:** Networking Basics,Python Essentials 1 & 2,Data Analytics.

**NPTEL certificate**: Introduction to lot with 67%.

**Hp Life:** AI for Beginners.

**INTERNSHIPS:  
Intern – Biomedical Internship  
 Kaashiv Infotech | 17 December 2024 - 26 December 2024**

* Gained hands-on experience in **biomedical technologies,** focusing on data collection, analysis, and application in health tech projects.
* Collaborated with the team to develop and optimize solutions for biomedical systems.

**VOLUNTEER SERVICE:**

**Rotaract Club of SRM Easwari**- Sports and Culturals Director