

# BHARGAVI AHIRWAL

Biomedical Engineer

Phone: +91 7697769912

Email: bhargaviahirwal228@gmail.com

## PROFILE

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Biomedical Engineer with Experience of 1+ year in 1400 bed Hospital. As a biomedical engineer with a passion for improving healthcare outcomes, I am excited to pursue opportunities to apply my skills and experience in a hospital setting.

## WORK EXPERIENCE

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### Biomedical Engineer

Sri Aurobindo Institute of Medical Science, Indore

Oct 2021 - Current

- Repairing, Maintenance, calibration and Installation of biomedical Equipments.
- Responsible for AMC/CMC and Uptime of Biomedical Equipments.
- Maintaining Equipment's Inventory and condemnation of equipments.
- Responsible for Preventive Maintenance of Biomedical Equipments.
- Request and calls for special equipment service, evaluates service contracts.
- Responsible to attend all complaints for Immediate Rectification of Medical Equipments
- Responsible for NABH and NABL Accreditation challenges.

## EDUCATION

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### ◆ B.E - Biomedical Engineering

Shri Govindram Seksaria Institute of Technology and Science 2020 6.47 CGPA

### ◆ 12th

Madhya Pradesh Board of Secondary Education, Bhopal (M.P) 2016 62%

### ◆ 10th

Madhya Pradesh Board of Secondary Education, Bhopal (M.P) 2014 76%

## TECHNICAL EXPERIENCE

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- **Pulse Oximeter:** Develop a pulse oximeter -works on android app, Bluetooth compatible. Learn to design a simple app interfacing with Arduino.
- **Cancer Blood detection:** Developed a program for detecting cancer cells in blood using MATLAB. Use the microscopic image of blood cells
- **Infrared based Automatic water supply:** An IR sensor-based system to give water for Hand wash for 10 Seconds when encounters hand in front of it. 555 IC Used.

## INTERNSHIP

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### • Organization: Shalby Hospital, Indore

Description: The internship covered coordination, management, and maintenance of medical equipment, including calibration, asset records, Installation, maintenance schedules, and prompt resolution of breakdown calls

## SKILLS And PERSONAL TRAITS

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- Medical Devices, Problem Solving, Preventive Maintenance, Inventory Management, Technical Support, Microsoft Excel, Documentation.
- Dedicated, Adaptability, Punctual, Strong work ethic, Teamwork, Problem solving skill.