

# AKSHAY MOHAN M P

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Kannur, Kerala, India

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## SUMMARY

Experienced BIOMEDICAL ENGINEER in Hospital environments. One and Half year's experience in Biomedical Engineering Trainee and Junior Biomedical Engineer designations with a strong background in hospital environments and proficiency in programming languages such as Python, Flutter, and C. Possesses in-depth knowledge of hardware components and their integration with software systems. Collaborates effectively with healthcare professionals and cross-functional teams to optimize biomedical engineering processes and improve patient care. excels in analytical tools implementation to streamline information flows. Successfully managed Accounting and IT departments with a staff complement exceeding 100 individuals, implementing collaborative relationships across all organizational departments.

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## EDUCATION

- **B-Tech Electronics and Communication Engineering** – APJ Abdul Kalam Kerala Technical University, 2023  
CGPA -6.1
- **Diploma in Biomedical Engineering** – Kerala Technical Board, 2016  
CGPA -7.45
- **Plus Two in Maintenance and Operation of Biomedical Equipment** – Vocational Higher Secondary, 2015  
CGPA -8.1
- **SSLC** – Central Board Of Secondary Education, 2013  
CGPA - 6.2

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## PROFESSIONAL EXPERIENCE

- **Junior Biomedical Engineer**  
National Health Mission - Government of Kerala  
May 2021 - Oct 2021 · 5 Month,  
Malappuram, Kerala, India
  - Collaborate with a multidisciplinary team to provide comprehensive technical support for a wide range of medical equipment, including diagnostic imaging systems, patient monitors, and surgical devices.
  - Train and educate hospital staff on equipment operation, safety protocols, and proper handling to promote optimal usage and reduce user errors
- **Biomedical Staff Trainee**  
District Covid-19 Treatment Centre, Kannur  
Aug 2020 – Nov 2020 4 month
  - Investigate equipment malfunctions, identify root causes, and implement corrective actions to minimize downtime and enhance equipment reliability.
- **Biomedical Engineer Trainee**  
National Health Mission - Government of Kerala  
Aug 2019 - Feb 2020 · 6 month,  
Kannur, Kerala, India
  - Assisted in the installation, testing, and calibration of medical devices, ensuring compliance with industry regulations and safety standards.
  - Collaborated with the engineering team to troubleshoot and resolve equipment malfunctions, contributing to improved efficiency and patient care.

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- **Biomedical Engineer Trainee**

Baby Memorial Hospital

May 2019 - Aug 2019 · 3 month,

Kozhikode, Kerala, India.

- Gained hands-on experience in biomedical engineering by shadowing senior engineers and participating in equipment maintenance activities.
- Assisted in the installation, testing, and calibration of medical devices, ensuring compliance with industry regulations and safety standards.
- Conducted research on emerging medical technologies, evaluating their potential applications and benefits in a clinical setting.

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## PROJECT

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- Driver Classification Vehicle Event Data Recorder  
Jun 2022 – Jun 2023, Associated with College of Engineering Vadakara  
Description:- Driver Classification using Parameter such as Speed, Handle speed, Brake Pressure, Brake position in Raspberry PI using Python Programming Language in Machine Learning using Random Forest
- Prayaan (E- Ticketing For College Bus)  
Jan 2022 - Jun 2022, Associated with College of Engineering Vadakara  
Description:- Android app using Flutter- Where the Students can Renew their Bus Pass or Can opt One Time Registration and access for Payment
- Patient Interest Monitoring Device  
Dec 2018 - April 2019 , Associated with KMCT Polytechnic College, Kozhikode

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## CERTIFICATIONS AND TRAINING

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- Certificate of Mentorship in Flutter Innovation and Entrepreneurship Development Cell IEDC CEV, Issued Nov 2022
- Participation in Robotics Workshop, IEEE SB CCE, Issued Jun 2021
- 15 days of Biomedical Engineering Training under Pariyaram Medical College(Kannur Govt Medical College)

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## SKILLS

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- Problem Solving • Preventive Maintenance • Team Coordination • I am Quick learner • Technical Training And User Support • C Programming • Documentation and Reporting • Machine Learning • Python • Flutter( Back-End & Front-End Developing) • Dart Programming.

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## Awards & Achievements

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- Award for outstanding dedication and Service on Covid-19 on behalf of CFLTC MES Central School, Tirur. As Biomedical Engineer
- Played in Table Tennis and Badminton on Zonal Level at College of Engineering Vadakara
- Played in Table Tennis on State level at KMCT Polytechnic College

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## LANGUAGE

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- English
- Hindi
- Malayalam

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## DECLARATION

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I hereby declare that all the information furnished above is true to the best of my belief.