KARTHIKEYAN P

BIOMEDICAL ENGINEERING

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ABOUT ME

Motivated and adaptable software enthusiast with a background in biomedical engineering and strong skills in Java programming, full-stack development, and database management. Seeking a dynamic role in a growth-oriented organization where I can apply my technical knowledge to build efficient solutions, contribute to impactful projects, and continuously enhance my software development skills.

EDUCATION

2022 - 2026
Bannari Amman Institute Of Technology

B.E Biomedical engineering
CGPA - 7.62 Upto 5th Semester

2008 - 2022
Jai Saradha Matric Higher Secondary School

HSC - 90.5%
SSLC - 77.6%

AREA OF INTEREST

- Full Stack Development
- Java Development
- Database Management
- IoT

SKILLS

- C Programming
- Java
- SQL
- React(Basics)

PROJECTS

AI Resume Analyzer
Built a web app for AI-based resume analysis, enabling job listing creation, resume uploads, and automated job scoring for efficient hiring.

File Transfer System
Created a local network file transfer app with React frontend and Node.js backend, enabling seamless file sharing without external servers.

Fetal Movement Monitoring System
Developed a non-invasive real-time fetal movement monitoring system using ESP32 and MIT App Inventor for maternal health tracking.

Machine Health Monitoring System
Developed an IoT-based system for real-time machine health monitoring and Bluetooth-enabled predictive maintenance using multi-sensor data.

CERTIFICATION

Programming using Java   Infosys springboard

STRENGTHS

- Leadership
- Problem-Solving
- Teamwork
- Time Management

ACHIEVEMENTS

Conference :
- ICIEIT 23 - Paper presentation
- Saveetha Engineering College (mcct 2K23) -Paper presentation

Competition :
- IIT-PALAKAD : LABYRINTH'23
- TN EDII HACKATHON
- AAKRUTI
- L & T TECHGIUM

HOBBY/CO-CURRICULAR

- Drawing, Sketching, Painting
- NSS Member

PERSONAL DETAILS

- Date Of Birth : 11 May 2004
- Father's Name : Mr. Pandian S
- Mother's Name : Mrs Selvarani P
- Tamil   [R_W_S]
- English   [R_W_S]

DECLARATION

I am KARTHIKEYAN P, declare that all the details provided above are true to the best of my knowledge.

Date: 30.07.2025   **Place:** Tiruppur

P. Karthikeyan
Signature