Vijay Karthick R

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GitHub
LinkedIn

Aspiring Full-Stack Developer,
Problem solver and critical thinker.

SKILLS

Programming Languages	Java, C, HTML, CSS, React, SQL (Basic).
Tools & Platforms	VS Studio, MATLAB, KiCad.
CS Fundamentals	Data Structures and Algorithms, OOPs.
Soft Skill	Leadership, Time Management.

EDUCATION

Bannari Amman Institute of Technology   **Nov 2022 - May 2026**
B.Tech. in Biomedical Engineering - 7.37 CGPA   *Tamil Nadu, India*

AKV Public School (CBSE)   **May 2020 - April 2021**
12th Grade - 61%   *Tamil Nadu, India*

AKV Public School (CBSE)   **May 2018 - April 2019**
10th Grade - 73.6%   *Tamil Nadu, India*

WORK EXPERIENCE

Intern   **June 2024 - July 2024**
Java Programmer - CodSoft   *Online*

· Worked as a Java Developer in few projects like Simple student grade calculator, Quiz application with Timer, Student course registration logic, Number game.
· Gained some valuable experience in working culture and some new knowledge through the projects.

PROJECTS

Medical Prescription Decoder   **Jan 2024 - Mar 2024**

Creating a medical prescription decoder using NLP.

Tech Stack used: React.

 Role: Team Leader, Front-end Developer.

Description: Developed a **Front-End** for web-based project to decode the doctor's prescription by uploading the image of the prescription by integrating NLP.

Smart Parkinson's Spoon   **April 2023 - May 2024**

Developing a smart stabilization spoon designed for individuals with Parkinson's disease to counteract hand tremors and enhance ease of eating.

Tech Stack used: KiCad, Arduino IDE.

Role: PCB designer

Description: Designed a PCB with required components and implemented a **gimbal-based stabilization mechanism** using two servo motors to counteract hand tremors by adjusting pitch and roll angles.

AREA OF INTEREST

· UI/UX Designing
· Front-end Development
· PCB Designing

CERTIFICATES & ACHIEVEMENTS

· Certified in Create Your First Python Program from UST by Coursera.
· Getting Started with Microsoft Excel from Coursera.

Declaration: I hereby declare that the above information is true to the best of my knowledge.

Place: Salem

Date: Signature