

Arshad VKB

Node.js Developer

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<https://arshadvkb.github.io/Arshadvkb/>

About Me

Full Stack developer with experience in building smooth and high-performing web apps. For the backend, I use Node.js or Python, depending on the project. I build responsive UIs using HTML, CSS, Bootstrap, and Tailwind. I'm also skilled in programming with Java, C, C++, and C#, and I use Git and GitHub for version control. I enjoy creating apps that are user-friendly, efficient, and easy to maintain.

Education

College of Applied Science Vazhakkad, Malappuram,
Bachelor of Computer Science

2022 – 2025

Python Workshop, Introduction to Python based libraries for AI and ML

Professional Experience

Regional Technologies, Python django Developer Intern

01/2025 – 02/2025

Calicut, Kerala

- Developed a full-featured fitness app using Flutter and Django, increasing member engagement by 0% and reducing admin workload by 30%.
- Integrated event management, personalized diet plans, FACE ID attendance, and real-time updates via WebSocket for seamless user experience.

Skills

Python | Django | Js | Nodejs | Flutter | Html | Css | Bootstrap | Tailwind |
Raspberry pi | OOPS | Java | C | C++ | Git | GitHub

Certificates and Achievements

- Tharang 2K25 (Organized By IHRD) Hardware Project Expo Winner

Projects

Aero-ai, Python, Node.js, Flutter, Embedded C, MQTT, Appwrite

02/2025 – 03/2025

- Developed AI-powered aeroponics system with Raspberry Pi and computer vision, increasing crop yield by 25%.
- Automated nutrient delivery and environmental control, reducing water use by 30% and optimizing tomato growth.
- Implemented machine learning-based disease detection, reducing crop loss by 20%.
- Used sensors to monitor temperature, humidity, and pH, improving crop quality by 15%.

- Integrated automated dosing system for precise nutrient delivery, cutting waste and boosting efficiency by 35%.

Fitness Club Management App, Flutter, Django, MySQL, WebSocket

01/2025 – 03/2025

- Developed a comprehensive fitness club management app using Android, streamlining membership management and increasing member engagement by 0%.
- Implemented a user-friendly interface for members to register, select membership programs, and access services, reducing administrative workload by 30%.
- Designed an event management system for admins to create and manage events, increasing event participation by 25%.
- Integrated a diet planning feature with personalized recommendations, improving member satisfaction by 20%.
- Utilized a secure Django and MySQL backend with WebSocket for seamless communication and data security.