

ARUN P K

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Professional Summary

Enthusiastic and detail-oriented software developer with a strong foundation in **Java Full Stack Development, SQL, and Python**. Experienced in building responsive web applications, automation systems, and IoT-based solutions. Skilled in **Core Java, HTML, CSS, JavaScript, Bootstrap**, and modern development tools. Quick learner with excellent problem-solving abilities and a passion for delivering high-quality solutions.

Education

Bachelor of Technology in Electronics and Communication Engineering

APJ Abdul Kalam Technological University

11/2020 – 06/2024

Govt. Engineering College Wayanad **CGPA: 6.88/10**

Secondary Education

N. N. M. Higher Secondary School, Chelembara

2018 – 2019

82.2%

Certifications & Training

Java Full Stack Development Training

08/2024 – Current

QSpiders Training Institute, Kochi, Kerala

- Proficient in **Core Java, SQL, HTML, CSS, JavaScript**, and basic frameworks like Bootstrap.
- Gained experience in designing and testing responsive web applications.
- Hands-on experience in database operations using SQL.

Technical Skills

- | | |
|----------------|-------------|
| • Core Java | • Bootstrap |
| • SQL | • WordPress |
| • HTML5 & CSS3 | • Python |
| • JavaScript | |

Projects

- **IoT-Based Smart Farming System** 08/2023
 - Developed an automated farming system using **Arduino IDE, Python**, and sensors (humidity, temperature, soil moisture).
 - Enabled real-time monitoring of environmental parameters, improving crop health monitoring by **40%**.

- **Smart Agriculture Rover**

05/2024

- Built an autonomous rover using **Raspberry Pi, Python, and deep learning models** to detect plant diseases via Pi Camera.
- Integrated environmental sensors and automated navigation, reducing manual field monitoring efforts.

Languages

- English: Professional Proficiency
- Malayalam: Native