

# AKSHAY DAS G

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## OBJECTIVE

I am a detail-oriented Full-Stack Developer and Electronics Specialist with 10 months of hands-on experience as a Junior Python Developer, skilled in HTML, CSS, JavaScript, Python (Django), and embedded systems. I focus on building responsive, scalable web applications, and I am passionate about creating practical technology solutions. My experience includes lab management and mentorship, where I guided students in the practical application of electronic concepts and fostered innovative learning environments. Driven by clean code, performance optimization, and a collaborative approach, I am eager to leverage my expertise in software development, electronics, and project management to deliver impactful, user-centered solutions in a dynamic technical setting.

## EDUCATION

### Master of Science in Electronics,

College of Applied Science, Vadakkencherry affiliated to Calicut University

**2018 - 2020**

## SKILLS

**Technical Skill** Python, JavaScript, HTML, CSS, Raspberry pi, Arduino, Django, Bootstrap, SQLite, MySQL, Git, GitHub, Responsive design, debugging.

**Softwares** VS Code, Figma, Python IDLE, Arduino IDE, Proteus, MS Word, MS Powerpoint, MS Office.

**Soft Skills** Problem Solving, Communication, Collaboration, Adaptability, Critical Thinking, Teamwork

## CERTIFICATES

- Certificate in Python Full-Stack Developer.
- Certificate in Appreciation in one day Arduino Workshop.

## EXPERIENCE

### Junior Python developer

Deep Digits Pvt Ltd.

**Jan 2024 – Present**

**Thrissur, India**

- Fitness club management system using Python Django
- Rain borne disease prediction and doctor consulting using Python Django
- Charity Donation and Donation tracking using Python Django.

### Demonstrator

College of Applied Science, Chelakkara affiliated to Calicut University

**Jun 2022 - Mar 2023**

**Thrissur, India**

Lab Demonstrator-Oversees the lab activities, demonstrates the practical use of electronic equipment's, guides students to conduct experiments.

Designed and implemented structured lab protocols and safety guidelines, ensuring effective learning and a safe environment.

- Introduced innovative techniques for electronic equipment usage, enhancing students' understanding of complex concepts.
- Mentored students individually and in groups, assisting in troubleshooting and reinforcing core principles for improved lab performance.
- Conducted routine maintenance and calibration of lab equipment, reducing downtime and ensuring optimal functionality.

- Developed and applied assessment criteria to evaluate students' practical skills, providing constructive feedback for skill enhancement.
- Developed EVA, a humanoid robot designed for multiple applications.

## **Demonstrator**

**Nov 2021 - Mar 2022**

College of Applied Science, Chelakkara affiliated to Calicut University

***Thrissur, India***

Lab Demonstrator-Oversees the lab activities, demonstrates the practical use of electronic equipment's, guides students to conduct experiments.

Designed and implemented structured lab protocols and safety guidelines, ensuring effective learning and a safe environment.

- Introduced innovative techniques for electronic equipment usage, enhancing students' understanding of complex concepts.
- Mentored students individually and in groups, assisting in troubleshooting and reinforcing core principles for improved lab performance.
- Conducted routine maintenance and calibration of lab equipment, reducing downtime and ensuring optimal functionality.
- Developed and applied assessment criteria to evaluate students' practical skills, providing constructive feedback for skill enhancement.
- Developed a Smart Shoe project designed to assist visually impaired individuals.
- Developed a wireless robotic arm using arduino.

## **References**

**Vaisakh V Nair**

CEO

Deep Digits

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