

# ASWIN J

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## SUMMARY

Motivated and innovative Full Stack Web Developer with a strong interest in technology, seeking a challenging role in a dynamic organization. Possesses analytical, leadership, and problem-solving skills with a willingness to relocate.

## EXPERIENCE

- 08/2024 - Present **Full Stack Web Developer** Syancy Innovations Pvt Ltd
- 01/2023 - 08/2024 **Research Team Member** Amrita Vishwa Vidyapeetham, Amritapuri
- Led a Research Team under the guidance of Dr. Manjusha Nair M (Assistant Professor (Sl. Gd.), School of Computing, Amritapuri)
  - Conducted literature reviews, contributed to experimental design, and actively participated in data collection and analysis.

## PROJECTS

- Python | PyTorch  
Pygame **A Value-Based Reinforcement Learning Approach for Lesion Detection from MRI Images**  
Developed and deployed an intelligent agent using value-based reinforcement learning approaches (DQN and DDQN) to navigate a grid and accurately detect lesions in segmented brain images.
- Python | Django  
MySQL **Medicare**  
Developed and implemented a cutting-edge web-based application, Medicare, revolutionizing healthcare management with seamless integration of patient data, reducing administrative errors by 40
- PHP | MySQL **Legos Parker**  
Developed a user-friendly web-based parking reservation system with efficient space marking and flexible cancellation options.

## EDUCATION

- 2022 - 2024 **Masters in Computer Application** Amrita Vishwa Vidyapeetham, Amritapuri  
Percentage: 76.4%
- 2019 - 2022 **Bachelor in Computer Application** College of Applied Science, Mavelikara  
Percentage: 69.08%
- 2017 - 2019 **Higher Secondary Education** Bishop Hodges HSS, Mavelikara  
Percentage: 78%
- 2016 - 2017 **Secondary Education** Sree Vijayeswari High School, Cheriyanad  
Percentage: 93%

## CERTIFICATION

- Jan/2024 **Fundamentals of Reinforcement Learning** University of Alberta  
<https://coursera.org/share/cf3af412710c0424bbf021edb4afeacb> (Coursera)
- May/2023 **Using Git for Distributed Development** THE LINUX FOUNDATION  
<https://coursera.org/share/d96c0dc147c1b1b71f9ac6b2fb01dff4> (Coursera)

## LANGUAGES

- English - Advanced, Hindi - Advanced, Malayalam - Native

## HOBBIES

- Cycling, Drawing

## AREA OF INTEREST

- Reinforcement Learning, Full Stack Development, Software Development

## VOLUNTEERING

- NSS, NCC

## LEADERSHIP SKILLS

- Conducted a session on WordPress for BCA faculty and students
- Hosted games at MCA Fresher's Day event
- Organized seminars at NSS (BCA)
- Organized Fresher's Day event for First-year MCA students

## ACHIEVEMENT

- 2021 - 2022 **Developed Official Website for the College using WordPress** College of Applied Science, Mavelikara