

# NEIL JOSEPH

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Enthusiastic Computer Science undergraduate with a focus on Artificial Intelligence, skilled in Fields like Computer vision, Natural Language Processing, Machine learning. Committed to leveraging AI to solve real-world problems and drive technological advancement.

## Skills

- **Programming:** Python, C, C++, Java, HTML, JavaScript
- **AI/ML Frameworks:** TensorFlow, PyTorch
- **NLP Tools:** LangChain, LangGraph, CrewAI
- **Computer Vision:** OpenCV, MediaPipe, Vision Transformers (ViT)
- **Other Skills:** Problem Solving, Research, Team Management, Leadership

## KEY ACHIEVEMENTS

- Reached Top 10 teams in the first ever IBM watsonx challenge held at IBM kochi
- Selected for state level 3D animation camp organized by KITE at Kerala StartUp

## PROJECTS

- **CerebroMark : Automated Attendance monitoring using AI** | Machine Learning, Computer Vision, Pytorch, Python
- **Oratis : Online Mock interview with 3D AI interviewer Avatar for placement assist** | NLP, Computer Vision, API, Python
- **GrindSensAI : AI based physical training guide and Progress tracking with Computer Vision** | Django, React.js, Mediapipe, API
- **Hand gesture controlled UI with voice assistant** | Computer Vision , NLP, Python
- **Custom AI assistant using Retrieval-Augmented Generation (RAG)** | NLP, Python
- **Voxia: Sustainable project management using IBM WatsonX** | NLP, API, Python
- **Environmental awareness using AR Storyline game** | Unity, C#

## EXPERIENCE

### AI & ML Intern ([Link](#))

*InternsChoice, Bengaluru, Karnataka*

March 2023 – April 2023

- Worked on projects, using tools such as Python, SciKitLearn, TensorFlow, OpenCV.
- Developed a Image classifier model and a Customer service ChatBot.

### AI Web development Intern

*Jorim Technology Solutions Pvt Ltd, Chennai, Tamil Nadu*

May 2025 – July 2025

- Learned about full stack web development and get to familiarize with frameworks such as Django, React js
- Built AI integrated web applications to solve Healthcare issues.

## CERTIFICATIONS

- **AWS AI Cloud Practitioner : Udemy ([Link](#))**
- **IBM Wastsonx.ai Technical Essentials : IBM ([Link](#))**

## EDUCATION

### Adi Shankara Institute of Engineering and Technology, Kalady

2022 - 2026

*B tech, Computer Science, Artificial Intelligence*

*CGPA: 9.0 / 10.0*

### St. Sebastian's HSS Palluruthy

2021 - 2022

*Higher Secondary Education*

*94.75%*

### St. Sebastian's HSS Palluruthy

2020

*10th Grade, Kerala State Board*

*Full A+*

## PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES

Dr. Amrutha Muralidharan Nair, Neil Joseph, Aaquib Hanan, Maheswar Babu, Samjish K S - Oratis: AI Guide to Ace interviews - International Conference on Innovations in Mechanical, Robotics, Computing, and Biomedical Engineering - April, 2025

## ADDITIONAL SKILLS

Internet of things (IOT), Electronics, 3D modeling and animation, Film making, 3D printing, Web app development, AR/VR applications.