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, Bengluru, Karnataka*March 2023 – April 2023

- Worked on projects, using tools such as Python, SciKitLearn, TensorFlow, OpenCV.
- Developed an 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 2022-2026B.Tech, Computer Science, Artificial Intelligence CGPA: 9.0/10.0**St. Sebastian's HSS Palluruthy** 2021-2022Higher Secondary Education 94.75%**St. Sebastian's HSS Palluruthy** 202010th 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.