

KEVIN JOSE

josekevin.com
krsj1234@gmail.com

linkedIn
GitHub

EDUCATION

- **Indian Institute of Technology, Guwahati** 2016 - 2020
Bachelor of Technology, Electronics and Electrical Engineering, CGPA - 7.78/10
Minor in Product Design, CGPA - 8.8/10
- **Jawahar Navodaya Vidyalaya, Palakkad** 2008 - 2015
Class XII 94.6%
Class X CGPA 10/10

EXPERIENCE

- **Cisco Systems Pvt Ltd**
Software Engineer III Oct 2023 - present
Software Engineer II Aug 2020 - Sep 2023
 - Significantly contributed to the development and enhancement of the Command Line Interface for APIC (ACI). Enhanced user experience by making the CLI more user-friendly and intuitive, achieved through optimizing workflows and backend configurations.
 - Developed and architected backend APIs to facilitate the integration of Nutanix Prism with VMware NSX, significantly enhancing user experience in configuration and management processes.
 - Actively involved in implementing GraphQL to replace REST API in the APIC backend infrastructure, aiming to significantly enhance the GUI experience by making it faster.
- **Samsung Research Institute, Noida**
Software Research Intern May 2019 - July 2019
 - Used STGAN with Selective Transfer Units to achieve facial attribute editing and developed a tkinter Image Viewer GUI as a temporary app to display the results.
 - Proposed model achieved a 20% accuracy gain over all the contemporary models.
- **Indian Institute of Technology, Hyderabad**
Research Intern May 2018 - July 2018
 - Used coupled GANs implemented using Keras with TensorFlow backend based on UNIT paper to extract depth information from the shared latent space of stereoscopic images.
 - The depth information was used to assess the quality of Translated Stereoscopic Images.

SELECT PROJECTS

- **Project Quiclick | UX Case Study**
Designed a user-friendly mobile application UI aimed at real-time photo uploads, organization, and collaborative sharing, enhancing the user experience at live events.
- **Unravelling Healthcare | An Investigation**
Collaborated with Dr. Treesa Syril to conduct comprehensive interviews with 12 doctors and approximately 50 patients, aiming to delve into the fundamental challenges and potential solutions within our healthcare system. This endeavor included thorough documentation of all findings.
- **Branding for TJ Distributors Pvt Ltd**
Executed complete branding for an aluminum utensils startup, including logos, typography, letterpads, visiting cards, hoardings, and name board, establishing a cohesive and impactful visual identity.
- **Auto-diagnosing System for Duane's Retraction Syndrome**
Developed the digital diagnostic component of the DRS using OpenCV and the Haar Cascade Classifier for Near-Infrared Images (NIR), alongside Microsoft Azure Face API for color images, to accurately detect the human eye and iris. Designed a transfer channel for the collected information using Carl Zeiss API.

TECHNICAL SKILLS

- Programming Languages: C, C++, Python, Javascript, Java
- Prototyping Tools: Figma, Illustrator
- Web Technologies: HTML, CSS, React.js, Node.js
- Machine Learning: Numpy, Pandas, Scikit-learn, TensorFlow, Image, PIL, matplotlib, tkinter, Keras, OpenCV
- Miscellaneous: Google Suite, Kafka, microservices, distributed systems, GraphQL, Git

CERTIFICATIONS

- CISCO NCH TRAINING: Advanced C, Python and Java
- Deep Learning specialization from DeepLearning.ai
- Google UX Design Professional Certificate

ACHIEVEMENTS

- Six time recipient for the Cisco Connected Recognition award for excellent performance at work.
- Secured the Carl Zeiss corporate award for the best project in the Engineering The Eye Hackathon jointly conducted by Microsoft, Carl Zeiss and LVPEI for the project Eye-fi.
- Best Outgoing Student for the class of 2015, Jawahar Navodaya Vidyalaya, Palakkad

POSITIONS OF RESPONSIBILITY

- Student Mentor for underprivileged students, Avanti Fellows, JNV Bellari
- Coordinator - Rhinos, IIT Guwahati Basketball Club
- Peer Mentor for freshmen, Saathi - Counselling Service, IIT Guwahati

EXTRA-CURRICULARS

- Member of Cisco corporate Basketball team
- Represented IIT Guwahati, JNV Palakkad and St. Raphael's Basketball club in various basketball championships.

TEST SCORES

GRE 325/340 4.0
TOEFL 115/120