



# Reuben Reny

+91-6300526540  
 portfolio-setup.vercel.app  
 reubenreny@karunya.edu.in  
 github.com/ReubenReny03  
 linkedin.com/in/reuben-reny

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CSE)	Karunya Institute of Technology and Sciences	8.4 (Current)	2021-Present
Senior Secondary	Andhra Pradesh Board of Intermediate Education	70.0%	2020
Secondary	CBSE Board	66.5%	2017

## EXPERIENCE

- Software Intern** May 2023 - Aug. 2023  
 IIT Madras Research Park (IITMRP) Chennai, India
  - Mastered Open-CV, enhancing autonomous wheelchair intelligence with FAST and ORB algorithms.
  - Developed camera-based localization software, reducing place identification time to seconds.
  - Implemented cost-effective solutions, elevating intelligent mobility technologies.
- Build Club** Oct. 2022 - Dec. 2023  
 Member Chennai, India
  - Led BG-remover project using Open CV, improving image processing efficiency.
  - Collaborated on Water-Meter and Energy Meter development, promoting sustainable resource management.
  - Integrated RF-ID sensors in club projects, advancing wireless identification technology.
- Cisco** May. 2022 - Jul. 2022  
 Virtual Internship Remote
  - Designed an IP address sorting program, optimizing Cisco's network management.
  - Automated IP filtering processes, enhancing data management efficiency.
  - Streamlined network operations, reducing manual effort and error rates.

## PROJECTS

- Autonomous Wheel Chair** Aug. 2023  
 Developed the localization part for Autonomous Wheel Chair for IIT Madras.  
 – **Tools & technologies used:** Open CV, ESP 32, Dexter Board (STM32), Java Script, Flask, Python, HTML, CSS
- Streetlight-Fault-Detection** Oct. 2023  
 Developed a Streetlight Fault Detection Code, utilizing LoRa signals for real-time status updates on a website.  
 – **Tools & technologies used:** LoRa, Arduino UNO ,Java Script, Flask, Python, HTML, CSS
- Realtime BG Remover** Apr. 2023  
 A Script in CV2 to remove single solid color from the background realtime.  
 – **Tools & technologies used:** CV2, Python
- Time Table Scrapper** Feb. 2022  
 Developed a Code to Scrape the timetable of my University  
 – **Tools & technologies used:** Selenium, Python, HTML, CSS

## TECHNICAL SKILLS

- **Programming:** Python, SQL, C, C++, Java, JavaScript, Bash, html
- **Tools & OS:** Excel, Google Colab, Tableau, Git, Jupyter Notebook, Arduino, Raspberry pi, Linux, VS Code , Windows
- **Libraries/Frameworks:** Pandas, Numpy, scikit-learn, CV2, Selenium, pyautogui,, JQuery, Angular,
- **Web Skills:** HTML/CSS/JS, Angular, Bootstrap

## POSITIONS OF RESPONSIBILITY

- **Head Coordinator**, Karunya Hacks Sep 2022 - Dec. 2023  
 Trained students in Tableau, Data Analytics, Web Scraping; created Python tools for workflow efficiency
- **Single Point of contact**, Build Club, IIT Madras Oct. 2023 - Dec. 2023  
 Managed College Build Club activities, orchestrating events with over 200 student participants.

## ACHIEVEMENTS

- **Semifinalist**, in Code Gladiators 2022 A Coding Competition held by Tech GIG Aug. 2021

## CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals
- PCAP: Programming Essentials in Python
- Coursera : Google Data Analytics Professional Certificate ( In progress)
- NPTEL : Data Analytics with Python