

# Jenil Biju

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## EDUCATION

Year	Degree/Certificate	Institute	CGPA/Percentage
2021-present	B.Tech Hons in Computer Science and Engineering	Rajagiri School of Engineering and Technology	9.2/10
2021	ISE(XII)	Hari Sri Vidya Nidhi School, Thrissur	97.8%
2019	ICSE(X)	Hari Sri Vidya Nidhi School, Thrissur	96.2%

## SUMMARY

Computer Science enthusiast with a passion for **problem-solving**. Experience in leadership roles with strong communication and organizational skills. Excels in collaborative environments and is committed to continuous learning and personal growth.

## PROJECTS

- OrthoVision AI** Feb 2024 - May 2024  
**GitHub**
  - Followed the Software Development Lifecycle (SDLC) to design, develop, test, and deploy an automated fracture detection system using **Yolov7** for medical imaging.
  - Achieved **precision** of **89.8%**, **recall rate** of **81%**, and a **mean average precision (mAP)** of **87.9%** on test data.
  - Employed **HTML**, **CSS**, **JavaScript** for frontend development, coupled with **Django** framework for backend functionality.
- Employee Management System** Oct 2023 - Dec 2023  
**GitHub**
  - Designed and implemented an Employee Management System for efficiently managing employee records.
  - Implemented using **HTML**, **CSS**, **JavaScript** for frontend development, along with **Django framework** for CRUD operations and backend functionality.

## SKILLS

- Web and Programming Languages:** *Java, C, Python, HTML, CSS, JavaScript, SQL*
- Tools and Frameworks:** *Visual Studio Code, Django, Flask, Google Colab, Overleaf, Azure Fundamentals*
- Machine Learning:** *Pytorch, Yolov7, Roboflow*
- Soft Skills:** *Project Management, Effective communication, Conflict resolution, Time-management*

## CERTIFICATIONS

- AZ-900 Microsoft Certified: Azure Fundamentals** *by Microsoft* **Microsoft**
- Data Analytics with Python** *by IIT Roorke* **Nptel**
- Introduction to Machine Learning** *by IIT Madras* **Nptel**
- Deep Learning** *by IIT Ropar* **Nptel**

## POSITIONS OF RESPONSIBILITY

- Institution’s Innovation Lead**, *RSET IEDC* 2023-24
  - Led the college’s most active club, driving initiatives to support and mentor student startups and refine their business ideas.
  - Organized and managed numerous successful events, showcasing strong leadership and effective project management skills.
- School Vice-Captain**, *Hari Sri Vidya Nidhi* 2019-20

## MISCELLANEOUS

- Organizing Member of IEDC Summit**, Coordinated with speakers and handled logistics as part of the Speaker Management team to ensure a smooth and impactful event. 2023
- Quiz Club Captain**, Won several school quizzes all over Kerala 2017-19
- NSS Volunteer**, Participated in several volunteering events, including **Project Ganitham**, aimed at teaching high school mathematics to underprivileged children. 2021-23