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
  - Designed and deployed 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*