

Richard .P. Menachery

📍 Coimbatore, Tamilnadu 📞 +91 9442920732 @ richardpauly2004@gmail.com

Profiles [in](#) Richard Pauly

Career Objective

Possess a strong foundation in programming (Python, Core Java, C, MySQL) complemented by expertise in UI/UX design, enabling the development of innovative and user-centric solutions. Proficiency in AI-driven tools allows integration of intelligence and efficiency into modern systems, while technical expertise, creativity, and problem-solving skills are applied to address complex challenges and deliver impactful results that contribute to both project success and organizational growth. Commitment to continuous learning and adaptation to emerging technologies ensures long-term value in the field of computer engineering.

Education	CMS college of Engineering and Technology	2022-2026
	Computer Science and Engineering	B.E
	7.4 CGPA	
	Nirmala matha convent matriculation higher secondary school	2020 - 2022
	Bio-maths	HSC
	72.4%	
	Nirmala matha convent matriculation higher secondary school	2020
	76.2%	SSLC

Technical Skills

Programming Languages
Python, Core JAVA, C, MySQL

Tools / Platforms
Figma, UI/UX

AI tools
Grok AI, Gamma, Napkin AI, Chatgpt, Notebook, Curzor, Lovable

Area of Interest

Object-Oriented Programming

Proficient in Object-Oriented Programming, with expertise in core concepts such as encapsulation, inheritance, polymorphism, and abstraction. Skilled in applying OOP principles to design efficient, reusable, and scalable software solutions while consistently refining problem-solving abilities and coding practices.

Projects

MOSCKILL **August 2025**

Duration: 45 Days

Developed a sensor-integrated mosquito killer system using microcontrollers and IoT, with embedded C/Python for real-time detection and automated mesh activation. Incorporated signal processing for target accuracy and data logging for performance optimization, resulting in a scalable smart prototype supporting sustainable technology.

Internship	New Technology Data Analytics Intern Duration : 45 Days Collected, cleaned, and structured large datasets to ensure data accuracy, integrity, and reliability while leveraging Excel, SQL, and Python for data wrangling, exploratory analysis, and statistical modeling. Developed interactive dashboards and visualizations to deliver actionable insights and support business decision-making.	July 2025 Coimbatore
-------------------	---	--------------------------------

Certifications	Oracle Cloud Infrastructure Oracle Earned Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate certification, validating expertise in AI, cloud computing, and OCI services. IBM SkillBuild IBM IBM SkillBuild Certification in Cloud, AI, and Emerging Technologies MongoDB Certification Mango DB MongoDB Certification – CRUD Operations, demonstrating proficiency in database design, queries, and data manipulation.
-----------------------	--

Accomplishments	ICMDPET2k25 Represented team at ICMDPET 2k25 and secured 1st prize for Paper Presentation on Pill Dispenser. Sudoku competition Secured 3rd place in a Sudoku competition. Quiz competition Represented Nirmala Matha Convent School at the district level and secured First Prize in a competition during Grade 8.	April 2024 May 2025 2018-2019
------------------------	---	--

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place:

Yours faithfully,

Date:

Richard. P. Menachery