



JOSHUA JOSE

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VAIDYAVILASATHIL VEEDU, VILANTHARA P O, WEST KALLADA, KOLLAM, 690521,
KUNNATHUR, India (Home)

● EDUCATION & TRAINING

01/06/2022 - 30/03/2023 - MAVELIKARA, INDIA

HIGHER SECONDARY CERTIFICATE IN COMPUTER SCIENCE- ST MARY'S CATHEDRAL PUBLIC SCHOOL

Python Programming: Developed a strong grasp of Python syntax and logic, focusing on writing clean, efficient code for automated tasks and data manipulation.

C Programming: Gained a deep understanding of low-level programming concepts, including memory management, pointers, and data structures (arrays, stacks, and queues).

Database Management (SQL): Proficient in designing relational databases, writing complex queries to retrieve/filter data, and understanding the principles of data integrity and normalization.

Algorithmic Thinking: Skilled in breaking down complex problems into logical steps, using flowcharts and pseudocode to design effective software solutions.

Object-Oriented Programming (OOP): Applied core OOP principles such as encapsulation, inheritance, and polymorphism to build modular and reusable code.

Software Development Life Cycle (SDLC): Familiar with the phases of software creation, from initial requirement gathering and logic design to testing and debugging.

01/06/2020 - 30/03/2021 - MAVELIKARA, INDIA

SECONDARY SCHOOL LEAVING CERTIFICATE- ST MARY'S CATHEDRAL PUBLIC SCHOOL

Major: Computer Science (C Programming, Python, SQL).

Technical: Skilled in code debugging and logical problem-solving.

Leadership: Head Boy – Elected to lead the student body and coordinate events.

Volunteering: Assisted in organizing school-wide sports meets and activities.

● SKILLS

Artificial Intelligence | Prompt Engineering. | Machine Learning | Deep Learning | deep learning | Python | Git | Programming Fundamentals | C Programming | Generative AI | Github | Vibe Coding | Microsoft Access

● LANGUAGE SKILLS

Mother tongue(s): **MALAYALAM**

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken production Spoken interaction

ENGLISH	B2	B2	B2	B2	B2
GERMAN	B1	B1	B1	B1	B1
HINDI	A2	A2	A2	A2	A1

● CERTIFICATIONS

17/10/2025 IBM

Introduction to Artificial Intelligence(Ai)

Online - Completed IBM's "Introduction to Artificial Intelligence," covering core AI concepts and machine learning workflows. Gained insights into the ethical considerations and practical applications of AI in modern technology.

Links <https://coursera.org/share/f561c0ba55bbdcd043c63fb4d87cfca8>

09/10/2025 IBM

Introduction to Software Engineering

Online - Gained a comprehensive understanding of **Software Engineering** principles, including Agile methodologies, cloud-native development, and DevOps basics. Learned to manage software projects from initial concept through to deployment and maintenance

Links <https://coursera.org/share/1ac472f29a68a4f12eb2412e933b0b58>

19/02/2025 IBM

Generative AI: Introduction and Applications

Online - Explored the fundamentals of **Generative AI**, including Large Language Models (LLMs) and diffusion models. Gained practical insights into **prompt engineering** and the ethical application of AI in various industries

Links <https://coursera.org/share/240c4d25c1ccd8743728ff169a194c4d>

09/10/2025 IBM

Introduction to HTML, CSS, & JavaScript

Online - Gained a solid foundation in front-end development by building responsive web pages using **HTML5**, styling with **CSS3**, and adding interactive elements with **JavaScript**

Links <https://coursera.org/share/119178fe8799b2d383a4abbc7eedf641>

21/10/2026 IBM

Generative AI: Prompt Engineering Basics

Online - Gained foundational knowledge in **Prompt Engineering**, focusing on iterative prompt design, few-shot prompting, and AI-driven problem-solving

Links <https://coursera.org/share/7ff83521005ec8a4d9686c51b3ff533e>

IBM

Python for Data Science, AI & Development

Online - Ongoing coursework in **Python programming**, focusing on its application in **Data Science**, AI model development, and backend logic

21/10/2026 Oracle

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Online - Demonstrated foundational knowledge of **AI and Machine Learning** services on **Oracle Cloud**,

including OCI Generative AI, vision, and language services

05/01/2026 OutSkill

Generative AI MASTER MIND

Online - Comprehensive program in **Generative AI** mastery, covering advanced model implementation, AI-driven automation, and strategic AI integration

17/09/2025 Intel Corporation

AI Appreciate Badge - AI For All

Online - Awarded the **Intel AI Appreciate Badge**, demonstrating a foundational understanding of AI domains, ethics, and the potential for AI to drive positive social impact

Links <https://ai-for-all.in/#/badge?id=U2FsdGVkX1p1L2u3ShYEudSTiXD3CNrfDMlpaZlflAR3PBzbAe1Q2u3A4I>

15/09/2025 Intel Corporation

AI Aware Badge - AI For AI

Online - Awarded the **Intel AI Aware Badge**, demonstrating a functional understanding of AI domains, including **Computer Vision**, **Natural Language Processing**, and **Statistical Data Analysis**

Links <https://ai-for-all.in/#/badge?id=U2FsdGVkX1s1L2a3S4heW0kAdFLYcaGW8gUSuPhiFyH690dl9U0e1Q2u3A4I>

15/02/2026 Google

Prompt Design in Vertex AI Skill Badge

Online - Mastered the core principles of **Artificial Intelligence**, including search algorithms, knowledge representation, and the basics of machine learning and neural networks.

Links https://www.credly.com/badges/bca78ae0-e9e5-43af-8684-98c2a6444d59/public_url

15/03/2025 Traum Academy

German Language

Blended - Completed structured coursework in the German language, gaining basic conversational fluency and technical reading skills

● **PROJECTS**

18/11/2025 - CURRENT

Personal Portfolio Designed and deployed a professional portfolio using **HTML**, **CSS**, and **JavaScript** to showcase expertise in **Cybersecurity and AI**.

Features a "Selected Projects" section including a **Generative AI cinematic case study**, demonstrating the integration of **Google Veo 3**, **Suno AI**, and **Gemini**.

Acts as a central hub for my **IBM**, **Oracle**, and **Intel** certifications, proving a commitment to continuous learning in secure AI ecosystems.

Links <https://my-portfolio-mu-coral-54.vercel.app/>

23/12/2025 - CURRENT

- Leveraged **AI-driven development tools (Vibe & Lovable)** to architect a secure, scalable personal finance app with bank-level security.
- Built automated budget alerts and recurring expense trackers, achieving a **93% budget compliance rate** during user testing.
- Designed interactive charts for income/expense analysis and long-term savings goal tracking.

Links <https://finance-tracker-by-joshua.lovable.app/>

03/01/2026 - CURRENT

- The Problem: Residential solar efficiency is highly volatile due to micro-weather patterns, causing financial

loss for homeowners who cannot predict generation dips.

- The Solution: Engineered a full-stack decision support system that predicts solar energy output 24 hours in advance and optimizes appliance usage to maximize ROI.